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GARDEN BOOK
No. 46

PORTER-WALTON CO. SALT LAKE CITY 4, UTAH

(TUBEROUS ROOTED BEGONIAS)

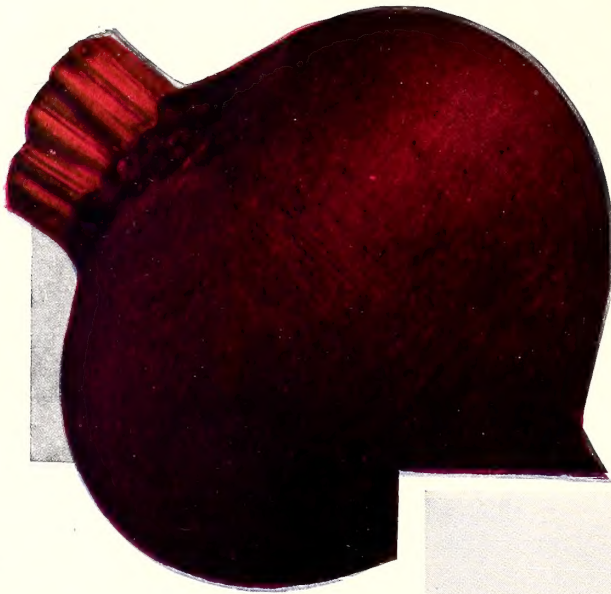
Thrive in shady corners

BEGONIA SPECIAL • Page 36)

Does Your Victory Include
HEALTH and ECONOMY?

Plant Vegetables

**PRODUCE YOUR OWN
FRESH VITAMINS**



r 80 BEET, DETROIT DARK RED (Top)

Dark blood red right through to the center. Best for table or canning.
Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.50.

n 272 LETTUCE, GREAT LAKES (Above)

All America Vegetable Top Selection for 1944. Large crisp heads resistant to heat.

Pkt., 10c; oz. 65c; 1/4 lb., \$2.00; lb., \$6.00.

**f 174 HYBRID CORN, GOLDEN CROSS
BANTAM (Left)**

40% more good ears. Higher productivity, richer flavor.
Pkt., 20c; lb., 50c; 10 lbs., \$3.00; 100 lbs., \$28.00.

r 124 CARROT, NANTES (Below)

Entirely coreless, and the sweetest carrot ever grown.

Pkt., 10c; oz., 25c; 1/4 lb., 75c;
lb., \$2.25.



Seed and Nursery Specialists

AMOUNT ENCLOSED

Date _____ 19____

SHIP TO	Miss
	Mrs.
NAME	Mr.

(Please Print. Use name of head of family)

Street or Box

City & State

Express or Freight Office _____
(If different from Post Office)

If any item is out of stock may we substitute? Write yes or no_____

Money Order \$_____

Check \$_____

Cash \$_____

Do Not Send Stamps.
Do Not Send Cash Except
in Registered Letter.

WHEN TO BE SHIPPED

SHIP THIS ORDER VIA

☐ Express ☐ Truck
☐ Freight ☐ Mail

C.O.D. Shipments made only when Order is accompanied by cash payment of 25% of the amount of the order.

EXTRA ORDER SHEETS FREE ON REQUEST

SUGGESTIONS ABOUT MAKING OUT THE ORDER

Read Page 3 of our latest catalog.

If there is any question with respect to how we should ship your order, telephone your postmaster, or express agent for advice.

Include as many as possible of this season's requirements in each order. It will save money for you and time for the mail and express services.

PARCEL POST ZONE RATES

Zone	First lb.	Each lb. Additional	Zone	First lb.	Each lb. Additional
1st—Within 50 miles	9c	1.1c	5th—Within 600 to 1,000 miles	12c	5.3c
2nd—Within 50 to 150 miles	9c	1.1c	6th—Within 1,000 to 1,400 miles	13c	7c
3rd—Within 150 to 300 miles	10c	2c	7th—Within 1,400 to 1,800 miles	15c	9c
4th—Within 300 to 600 miles	11c	3.5c	8th—All over 1,800 miles	16c	11c

The Maximum Weight allowable is 70 pounds. The size of the parcel must not exceed 100 inches for combined length and girth.

USE
LETTER
POSTAGE
HERE

PORTER-WALTON COMPANY
SEED AND NURSERY SPECIALISTS

42 West 1st South Street

SALT LAKE CITY 1, UTAH

FOLD ON THIS LINE

VEGETABLE SEEDS
FLOWER SEEDS & BULBS
SHRUBS & TREES
EVERGREENS
FRUIT TREES
BERRY PLANTS
LAWN SEED
PASTURE GRASS
FERTILIZER
INSECTICIDES

IMPORTANT
Before Sealing Be Sure That
—Your name and address are printed plainly
—Shipping instructions have been given
HAVE YOU ORDERED SUFFICIENT

"One Good Turn Deserves Another"

The following persons, I think, will likely purchase Planting Materials and would appreciate your Catalog:

NAMES	ADDRESSES
_____	_____
_____	_____
_____	_____
_____	_____

Please indicate below by X the Free information leaflets desired:

Bulb Planting	()	Lawn Making	()	Pruning	()	Peonies	()
Farm Seed Culture	()	Lawn Pests	()	Planting Nursery	()	Roses	()
Fertilizers	()	Mushroom Culture	()	Stock	()	Water Lilies	()

FROM _____

TERMS AND CONDITIONS OF SALE

Our terms are CASH WITH ORDER. C.O.D. orders will be accepted only if accompanied by cash payment of 25% of the amount of the order.

PRICES published in this list are based on present market conditions and are subject to change without notice. All items are priced f.o.b. Salt Lake City. The quantity of each variety, bulbs or plants ordered should be considered as a separate unit when figuring prices. In all cases our prices conform to, or are below the ceilings established by O.P.A.

Purchasers in Utah please add 2% state sales tax.

MINIMUM ORDER

The proportionate cost of billing, assembling and ship-

ping orders amounting to less than \$1.00 is prohibitive and actually results in a loss. Therefore, orders for less than \$1.00 will not be accepted unless accompanied by an additional 25c service charge.

We **GUARANTEE** all of our stock (seeds, bulbs, or plants) to be true to name and to reach the customer alive in good condition. If, on receipt, stock should appear otherwise, or in case of damage or error, a claim and report must be made within 5 days. We cannot be held responsible for cultural failures.

Furthermore, we give no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants we sell and will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seeds, bulbs or plants.

MAKING OUT THE ORDER

IMPORTANT—CATALOG NUMBERS

Your order, by means of the new catalog number system, will be more speedily and more accurately handled right through from billing to shipping. It is important that when making out your order, you include the catalog number, name of the article, size or quantity and the price of each article ordered.

Our new offices are now located in connection with the warehouse and shipping building. We expect that improved service will result from this simplified arrangement.

ADDRESS ALL CORRESPONDENCE TO OUR GENERAL OFFICES AT SALT LAKE CITY 4, UTAH.
(New Postal Zone Number)

Please use the enclosed order blank which folds into a self-addressed envelope. Extras furnished on request. When it becomes necessary to make additional explanation or inquiry, please do so on a separate sheet of paper.

Print you rname very distinctly, indicating whether Mr., Mrs., or Miss. Married ladies should use the husband's name or initials. Give your full post office address including the new postal zone number of you have one.

For express or freight shipments be sure to give your nearest railroad station or express office if different from your post office.

How to Send Money. Money is most conveniently and safely sent in the form of a post office money order, express order or check. We will accept personal checks for over \$1.00. It is not safe to send silver or currency. Do not send stamps.

See above information regarding C.O.D. orders.

If we cannot supply certain items on your order we shall take the liberty, unless directed otherwise, of substituting a similar variety of equal or greater value. If a substitution is unsatisfactory, repack it carefully and return to us at once at our expense.

TRANSPORTATION

ALLOW PLENTY OF TIME FOR YOUR ORDER TO REACH YOU

Transportation charges on all classes of merchandise in this catalog must be paid by the purchaser. Shipments weighing over 5 pounds and beyond the 4th zone, and over 20 pounds beyond the 2nd zone, travel cheaper by express. If your order does not specify "Mail, Express or Freight (rail or motor truck)" or does not include postage, we reserve the right to route the shipment according to our best judgment.

EXPRESS

Express is one of the most practical methods of shipping plants, roots and trees. The fastest passenger trains carry express shipments. Insurance against damage or loss of parcels valued at \$50.00 or less, and special careful handling of perishable shipments is given at no extra cost. The express company will also deliver your order to you or notify you by telephone or postal card of its arrival. Send no money for express charges. They will be collected when delivery is made.

FREIGHT

For heavy shipments (100 pounds or over) freight is the most economical method of delivery.

Specify rail or motor truck, whichever serves you best. Send no money for freight charges (except where it is necessary shipments go prepaid). They will be collected when delivery is made at destination.

PARCEL POST

Approximate shipping weights are given on items for which no definite packing and postage rate is stated. The following table shows the correct amount of postage to send for a given weight to be mailed to any point within the 4th zone.

Shipping Weight	Zones		
	1 & 2 not over 150 miles	3 150 to 300 miles	4 300 to 600 miles
1 lb.	\$.09	\$.10	\$.11
2 lbs. ....	.11	.12	.15
3 " .....	.12	.14	.18
4 " .....	.13	.16	.22
5 " .....	.14	.18	.25
6 " .....	.15	.20	.29
7 " .....	.16	.22	.32
8 " .....	.17	.24	.36
9 " .....	.18	.26	.39
10 " .....	.19	.28	.43
11 " .....	.20	.30	.46
12 " .....	.22	.32	.50
13 " .....	.23	.34	.54
14 " .....	.24	.36	.58
15 " .....	.25	.38	.61
16 " .....	.26	.40	.65
17 " .....	.27	.42	.68
18 " .....	.28	.44	.72
19 " .....	.29	.46	.75
20 " .....	.30	.48	.79
21 " .....	.31	.50	.82
22 " .....	.33	.53	.87
23 " .....	.34	.55	.90
24 " .....	.35	.57	.94
25 " .....	.36	.59	.97

P.W.'s MOUNTAIN-GROWN VEGETABLE SEEDS



from Irrigated Western Valleys



Asparagus
Mary Washington

P.W.'s MOUNTAIN GROWN SEEDS are the product of many years of discriminate selection and breeding carried on by specialists in the seed growing industry. The rich soils of fertile western valleys, and irrigation when moisture is needed, together with the advantage of clear, vitalizing western sunshine are essential factors in the production of vigorous sturdy seeds.

FOR A MORE PRODUCTIVE PEACE TIME GARDEN ASK YOUR SEED DEALER FOR PORTER WALTON'S MOUNTAIN GOWN SEEDS.

All vegetable seeds in this catalog are quoted f.o.b. Salt Lake City. See page 3 for postal zone rates for the total weight of your order. Quantity prices apply only when the quantity is of a single variety.

ASPARAGUS SEED

An ounce of seed will sow 75 ft. of row and produce about 250 plants.

Sow the seed in the early spring. When roots are one to two years old, transplant to permanent location. Given care, a bed of 500 sq. feet provides for an average family for 8 to 10 years.

m10 Mary Washington—An early rust-resistant variety that is a heavy producer. The shoots are of rich dark green with tightly folded tips. Introduced by the U.S.D.A., and surely the best strain grown. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00; 10 lbs., \$17.50.

p12 New Paradise—Produces a normal crop one year earlier. This new sensational variety has been tried and proven by commercial Asparagus growers. Heavy cropper, finest quality, commands top prices. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$4.50.

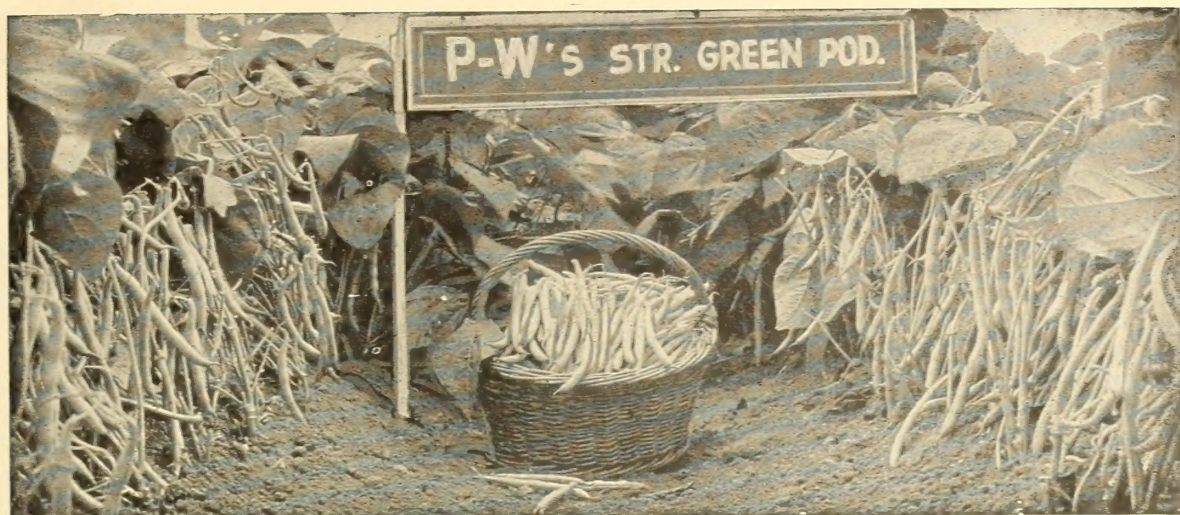
ASPARAGUS ROOTS

75 roots plant 100 feet of row

p7000 Mary Washington—One year old roots: 10 for 40c; 50, \$1.70; 100, \$3.00; 1000, \$27.00. 2 year-old roots: 10 for 55c; 50, \$2.25; 100, \$4.00; 1000, \$36.00.

p7002 New Paradise—One-year-old roots: 10 roots 50c; 50, \$1.95; 100, \$3.50; 1000, \$31.00. Two-year-old roots: 10 for 65c; 50, \$2.50; 100, \$4.50; 1000, \$40.00.

By Mail—Add postage, 10c for 10; 20c for 50; 30c for 100; \$1.25 for 1000.



STRINGLESS BEANS

DWARF GREEN POD TYPES

1 pkt. plants, 30 ft.; lb., 150 ft.; 60-75 lbs., an acre

f30 P.-W.'s Stringless Greenpod or Tendergreen—53 days. Our stock of this variety has become so popular with our customers that today it stands out as the leading stringless green pod sort. Pods are 6-6½ in. long, and are absolutely stringless and free from fiber. They are nearly straight, dark green, and round. Plants are hardy, disease resistant, and dependable croppers.

f32 Landreth's Stringless Greenpod (52 days)—Replaces Burpee's Stringless. The pods of this excellent green bean are stringless, fiberless, straight, and 6 to 6½ inches long. There are no indentations in the pods and they hold their deep green color longer. The foliage and growth are similar to Burpee's Stringless Greenpod, but are darker green, more vigorous and more productive.

Market gardeners and shippers find this bean to be one of the most profitable.

e34 Stringless Black Valentine—49 days. Well adapted for early shipping. Plants large, erect and prolific; attractive oval pods nearly straight, dark green, entirely stringless. It retains its color and texture in shipping a long distance. One of the best market beans and a profitable one to grow.

DWARF WAX PODDED BEANS

Sow Same as Green Pods

f36 Pencil Pod Black Wax—52 days. The best round-podded Wax Bean for the home gardener or market. Extremely productive, bearing magnificent straight, pencil-shaped pods, six to seven inches in length, of a rich golden-yellow color; beautifully rounded, meaty, fresh, brittle, solid and entirely stringless. Our stocks are carefully selected, uniform type, vigorous and productive.

Price: Any of above yellow or green pod, Pole, Soy and Broad Windsor beans—6 oz. Pkt., 20c; 1 lb., 40c; 3 lbs., \$1.00; 5 lbs., \$1.35.

Add postage at zone rates. See page 3.

POLE BEANS

A packet of these beans will plant 120 feet of row.

e40 Blue Lakes—Used extensively by Intermountain and Pacific Coast canners for an asparagus type pack of green beans. Splendid for home use and will command high prices on local markets. Good climber, heavy producer, pods 5½ in. long, ½ in. wide, and almost ½ in. thick. Very fleshy, brittle, and tender.

e42 Ideal Market (Pole)—The vines grow 3½ feet tall, have fine foliage and produce tender, silver green pods. 5 inches long.

e44 Kentucky Wonder or Homestead—65 days. The pods are thick, meaty and deeply saddle-backed and entirely stringless. The best for all purposes.

BROAD WINDSOR BEANS

f50 Long Pod Fava—An improved variety having long pods with 4 to 5 large flat beans which are very good cooked either green or dry. They are very hardy and should be planted as soon as the ground can be worked in the spring.

EDIBLE SOY BEANS

f52 Bansei (Earliest Soy Bean) — 96 days. One of the earliest and most productive of all and very adaptable in its growing requirements; it will produce crops in nearly any section of the country. Plants grow 24 in. high and do not require support. They are literally loaded with pods. Seeds are bright green while young and yellow when mature.

Manchu—See page 76.

QUANTITY PRICES

Each variety considered as a separate quantity

f.o.b. Salt Lake City

	10-49 lbs. per lb.	50-99 lbs. per lb.	Bag lots 100 lbs.
New Stringless Tendergreen	.23	.22	\$21.00
Landreth's Stringless	.20½	.19½	18.50
Stringless Black Valentine	.20	.19	18.00
Pencil Pod Black Wax	.23	.22	21.00
Pole Blue Lakes	.25	.24	23.00
Pole Ideal Market	.25	.24	23.00
Pole Kentucky Wonder	.25	.24	23.00
Long Pod Fava	.18½	.17½	16.50
Soy Bansei	.20	.19	18.00

LIMA BEANS—Bush and Pole

*A pound of Lima seed will plant 100 ft. of row,
about 60 lbs. an acre*

f56 Early Market Bush—63 days. This new, large, flat-seeded Lima bean offers extra advantages to intermountain growers because of its early maturity and its ability to yield under hot weather conditions. It was introduced as an outstanding variety in 1943 by the U.S.D.A.

f58 Fordhook—75 days. Plant is strong and erect; never straight or running. Heavily productive. The pods are borne in clusters of 4 to 8 each. Pods are 4-5 in. long.

Price—Either of above, 6 oz. pkt., 20c; 1 lb., 45c; 3 lbs., \$1.25; 5 lbs., \$1.75.

f60 Henderson Bush (Baby Lima)—65 days. An early productive sort. Pods about 2¾ in. long, containing 2 to 4 beans of fine quality. Used for canning and dry beans.

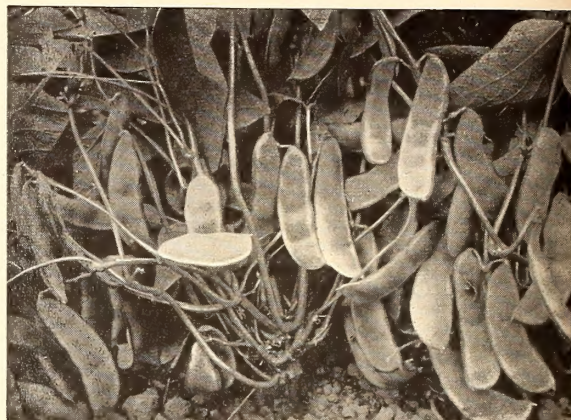
f62 King of the Garden (Pole Lima)—88 days. A vigorous climber and heavily productive. The beans are oval and fairly plump, pale green at the tender stage and greenish white when mature. Very delicious at either stage.

Price of Henderson and King of the Garden, 6 oz. pkt., 20c; 1 lb., 40c; 3 lbs., \$1.05; 5 lbs., \$1.50.

QUANTITY PRICES

f.o.b. Salt Lake City

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
Early Market Bush	.31	.30	29.00
Fordhook	.28	.27	26.00
Hendersons Bush	.24	.23	22.00
King of the Garden (Pole)	.25	.24	23.00



Fordhook Bush Lima

FIELD BEANS

d66 Great Northern (U. of I. No. 15 Cert.)—

d68 Idaho Red (U. of I. No. 3 Cert.)—

Either of above—1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 100 lbs., \$10.00.

BEETS

*An ounce of seed will sow 60 feet of row; a packet, 15 feet; 10 lbs.
will plant an acre in rows spaced 14 inches apart.*

r80 Detroit Dark Red (Perfected Strain)—This beet is one of the most outstanding selections of Detroit Dark Red for dark, uniform, interior color. The root is globe shape, slightly flattened at base. Especially adapted for market gardens and possessing excellent canning qualities. Tops are fairly large.

r82 Early Crosby Egyptian (Dark Red Strain)—50-55 days. An extra early variety; splendid for home gardens or market. Tops medium in size; roots globe shape. Color is very dark red.

r84 P.-W.'s Early Wonder—50 days. The earliest of the table varieties. It is globe shaped and very uniform in size, skin smooth, flesh a deep blood red.

r86 Early Flat Egyptian—Several days earlier than other early varieties.

Beet prices—Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 10 lbs., \$13.50.

MANGELS (Stock Feed Beets)

f87 Giant Half Sugar Rose—

f89 Giant Sludstrup—

Price of Mangels—lb., 75c; 10 lbs., \$7.00; 100 lbs., \$65.00.

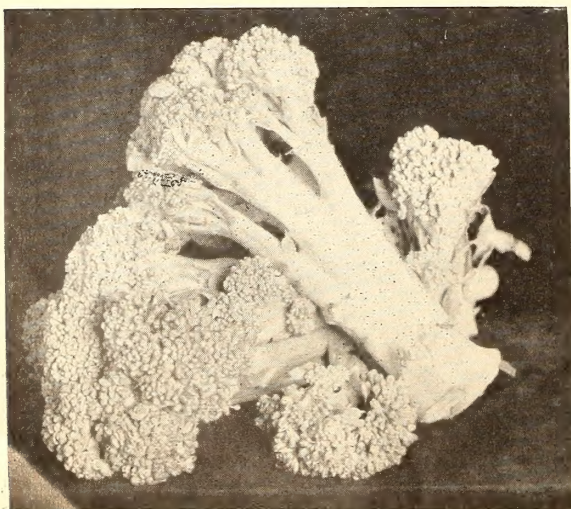
BROCCOLI

s90 Italian Green Sprouting—Cultivated like cabbage, it bears a succession of sprouting heads. Each sprout, about 4 in. long, ends in a small head of deep green buds. It resembles cauliflower except in color. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

n6000 Broccoli Plants—25c per 10; \$1.25 for 100; 500 for \$3.50. If by mail, add 5c for 10; 15c for 100; 30c for 500.

BRUSSELS SPROUTS

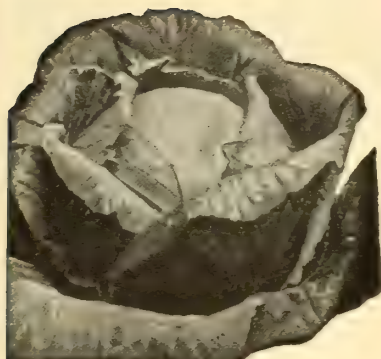
r94 Long Island Improved—The flavor of these small sprouts or heads is more delicate than that of cabbage. Firm, round, cabbage-like balls about 1¾ in. in diameter mature in succession. Pkt., 10c; oz., 80c; ¼ lb., \$2.50; lb., \$7.00.



Broccoli, It. Green Sprouting

P.-W.'s SPECIAL CABBAGE STRAINS

An ounce of seed will produce about 3,000 plants if sown in frames.



Copenhagen Market

CABBAGE PLANTS

Ready After April 15th

n6010 Copenhagen Market

n6014 Danish Bullhead

10 for 25c; 100 for \$1.25; 500 for \$3.50;

n6018 Golden Acre

1000 for \$6.00.

If by mail add 5c for 10, 15c for 100, 30c for 500, 50c for 1000.

n100 Copenhagen Market—70 days. This fine early market garden strain will satisfy the most critical trade. The light green leaves are always tightly folded; the plants may, therefore, be set closer. Good yielder and an excellent keeper. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

n116 Penn State Ballhead—A new Ballhead strain favored by many commercial growers for winter storage and for Kraut. Extremely hard heads 6-7" deep. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$3.75; 10 lbs., \$35.00.

n102 Danish Ball Head (Short Stem Strain)—We are proud of this stock and fully recommend it to our customers as the most outstanding Danish Ball Head offered anywhere. It is vigorous, uniform, and sure to head. They are outstanding keepers in storage. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.20; lb., \$3.50.

n104 P.-W.'s Early Jersey Wakefield—65 days. The entire crop can be marketed early. Short stem, medium size, very solid, pointed heads of excellent quality. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$2.75.

n106 P.-W.'s Golden Acre—60 days. The earliest cabbage. Heads are round like Copenhagen Market, but smaller. Plants are small, short stemmed, and compact. Ours is a true strain from the most reputable grower. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

n108 Glory of Enkhuizen—80 days. Widely used for kraut and for shipping. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$3.75.

n112 Perfection Drumhead—90 days. This is the leader of the Savoy types. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

n114 Red Stonehead—110 days. The largest and best red cabbage. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.20; lb., \$3.50.

CHINESE CABBAGE

n118 Wong Bok—8-10 in. tall. Big producer. Splendid greens for poultry or salads. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.

CARROTS

An ounce will sow 300 ft. of row; a packet, 60 feet; 2 to 4 lbs., an acre.

r120 Chantenay, Sp. Long Type—70 days. It grows about an inch longer and has a smaller shoulder than Red Cored Chantenay. Developed for a market gardener's bunching carrot. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00; 10 lbs., \$18.50.

r122 Chantenay Red Cored—70 days. The flesh and core are red-dish-orange, fine-grained, and tender. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00; 10 lbs., \$18.50.

r124 Nantes (Coreless)—68 days. Very attractive, 6-7 in. long, smooth, cylindrical, and stump-rooted. They are entirely coreless and exceptionally fine quality. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25; 10 lbs., \$21.00.

r126 Imperator—77 days. The carrots are often eight inches long, smooth, somewhat tapering, and deep orange in color. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00; 10 lbs., \$18.50.

r128 Danvers Half Long—75 days. A heavy cropper for home and market garden. Flesh bright orange, crisp and tender. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00; 10 lbs., \$18.50.



Nantes Carrot

STOCK FEED CARROTS

r132 Improved Long Orange—Roots scarlet orange. Heavy cropper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00; 10 lbs., \$18.50.

r134 Mastodon or Short White—Most productive for stock feeding. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00; 10 lbs., \$18.50.

CAULIFLOWER

An ounce of seed will produce 1,500 to 2,000 plants in open ground or about 3,000 in frames.

r140 P.-W.'s Perfection (Super Snowball)—65 days. It is adapted for either early or late Fall use. It possesses all the good qualities of the best Early Snowball strains. The leaves are longer and enfold closely over the heads. The inner leaves almost cover the snow-white heads, bleaching them nicely. Pkt., 10c; ½ oz., \$1.65; oz., \$3.00; ¼ lb., \$8.00; 1 lb., \$25.00.

r142 New Snowdrift—Also known as "White Mountain" and "Improved Holland Erfurt," which our tests show are merely other names for this splendid variety. This strain will produce a more satisfactory yield under extreme weather conditions than any other Snowball strain we know. The heads are somewhat larger than the old type Snowball, and it matures with more evenness. Pkt., 10; ½ oz., \$1.65; oz., \$3.00; ¼ lb., \$8.00; lb., \$25.00.

CAULIFLOWER PLANTS

n6020 P.-W.'s Perfection (Super Snowball) will be ready after April 15th. 10 for 30; 100, \$1.50; 500, \$5.00; 1000, \$7.50. If by mail, 5c per 10; 15c per 100; 30c for 500; 50c for 1000 for packing and postage.



Snowdrift Cauliflower

CELERY PLANTS

n6030 P.-W.'s Improved Utah, transplanted and grown in flats, hardened off to be ready after May 15th. 10 for 35c; 100 for \$2.00.

Express recommended for green vegetable plants. If by mail add 5c for 10; 15c for 100.



Celery P.-W.'s Improved Utah

CELERY

One ounce, 1,500 plants; half-pound to transplant an acre.

n150 P.-W.'s Improved Utah—125 days. The far-famed Utah Celery so much in demand. Developed by the local gardeners. Its superior qualities give it exclusive control of the local celery market. It has double the amount of heart of any celery. The plant is of close habit, and blanches to a creamy white. Ribs perfectly solid and crisp. Our true strain produces the most uniform, large, compact plants of any stocks produced in Utah. Pkt., 10c; ¼ oz., 55c; oz., \$1.75; ¼ lb., \$5.00; lb., \$15.00.

n152 Golden Self-Blanching—120 days. Of quick growth, easy and self-blanching character, combined with handsome appearance and crisp, sweet flavor. Pkt., 10c; oz., \$1.15; ¼ lb., \$3.50; lb., \$10.00.

n154 P.-W.'s Wonderful or Golden Plume—110 days. Rightly named "Wonderful." Distinct type, ten to twelve days earlier than Golden Self-Blanching and very much superior. Plants are very large in size, short, stout, stocky, and full of heart. Blanching easily. Pkt., 10c; oz., \$1.15; ¼ lb., \$3.50; lb., \$10.00.

CELERIAC—Turnip Rooted Celery

n156 Giant Smooth Prague—This really delicious vegetable should be in every home garden. The bulbs when cut into cubes, boiled and served with a cream sauce are delicious. Pkt., 10c; oz., 90c; ¼ lb., \$2.75; lb., \$8.00.

CHICORY

u160 Asparagus or Radichetta—Fast growing annual; grown for tops which are used for greens; tender flower shoots also used.

u162 Large Rooted or Coffee—The roots, when dried, are used as a coffee substitute. The young leaves may be used in salad. Sow seeds early in spring in rows about 2 feet apart. Roots grow 12-14 inches long and 2 inches thick at top, tapered.

Either of above—Pkt., 10c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00.

u166 CHIVES

An onion-like plant used as a salad and for flavoring soups. One sowing will last for about three years. Pkt., 10c; ¼ oz., 40c; oz., \$1.25.

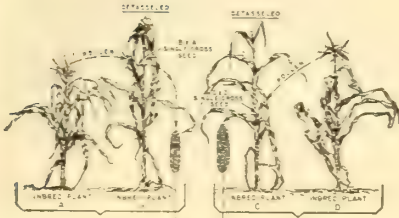
n6040 Plants—Strong clumps, 3 for 70c; 10 for \$2.25; add postage 15c for 3; 40c for 10.

SWEET CORN

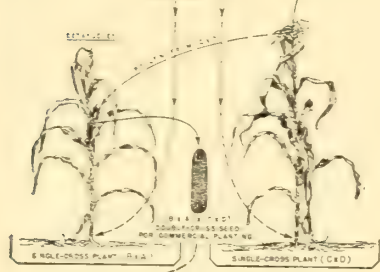
One pound will plant about 400 hills; a packet, 100 hills; 12 lbs., an acre.

INCREASE THE YIELD IN YOUR CORN FIELD PLANT HYBRID CORN

FIRST YEAR



SECOND YEAR



THIRD YEAR



This is the history of each year's crop of Hybrid corn seed

GREATER DROUGHT AND PEST RESISTANCE—
GREATER PRODUCTIVITY

HYBRID VARIETIES

f178 Spancross—70 to 73 days. One of the earliest Hybrids. Produces medium sized ears with 10-12 rows of medium depth kernels of good flavor and quality. Plants are well rooted, resistant to bacterial wilt, and grow 4½ to 5 feet tall.

f170 Marcross C6.13—Early hybrid. The 5-foot stalks produce 8 inch, 10 to 14-rowed, golden yellow ears well filled to the tip in 74 to 77 days. As both parents are highly disease-resistant, Marcross C6.13 is doubly protected against disease. Usually over 85 per cent of the ears are marketable.

f172 Bancross C13—80 days. Golden yellow ears with increased earliness and good flavor of both its parents. Stalks grow 5 feet high.

f194 Lincoln—83 days. Winner of the All American Bronze Medal in 1942. The vigorous well foliated plants have proved to be even more productive than Golden Cross Bantam. Lincoln is exceptionally drought resistant as well as markedly resistant to pests and disease.

f196 Tendergold—83 days. Sturdy, 5½ foot plants highly resistant to bacterial wilt. The ears are nearly cylindrical with 12-16 rows of tender, golden yellow kernels of good quality.

f176 Ioana—Large Eared—Midseason—Wilt Resistant Hybrid—86 days. The ears are large, slightly tapering mostly 8 to 9 inches long with 12 to 14 rows of creamy yellow, medium deep kernels, which fill the ear well at the tip. These ears are of fine quality, sweet and tender.

f174 Golden Cross Bantam—93-95 days. The most prolific of the yellow sweet corn; produces at least 40% more good marketable ears than ordinary stocks. The plant is sturdy, with broad, dark green leaves.

Prices—All Hybrid Sweet Corn—4 oz. pkt., 20c; 1 lb., 50c; 3 lbs., \$1.25; 5 lbs., \$1.75.

HYBRID POP CORN

f198 New Hybrid South American—The latest development in pop corn. It produces about 15% more per acre than ordinary varieties and far surpasses them from the standpoint of quality, flavor, tenderness, and popping expansion. The kernels are yellow and when popped appear to have been sprayed with butter. Plant 6 to 12 pounds per acre.

Price—1 lb., \$1.25; 3 lbs., \$3.25; 5 lbs., \$5.00; 10 lbs., \$9.00.

OPEN-POLLINATED VARIETIES

f180 Golden Bantam (True 8-rowed stock)—72 days. Eight rows of even, broad, fairly deep golden kernels of most delicious flavor.

f182 Improved Bantam—67 days. Fine for garden and market.

f184 Golden or Bantam Evergreen (Also called Golden Rod)—89 days. Plants, 6-7 ft. high; ears 8-10 inches in length, filled with 12-14 rows of medium width kernels, tender and of excellent flavor.

f186 Golden Sunshine—65 days. The ears are medium long and plump, 7-8 in. and 10-12 rows of fine quality corn.

f188 Stowell's Evergreen—98 days. The best known late white variety. The ears about 7-8 inches long, 14-20 rowed.

Prices—All open-pollinated Corns—6 oz. pkt., 20c; 1 lb., 35c; 3 lbs., 85c; 5 lbs., \$1.15.

QUANTITY PRICES

Each variety considered as a separate quantity

f.o.b. Salt Lake City

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs
f.o.b. Salt Lake City			
All Hybrid Sweet Corn	.30	.29	28.00
All Open Pollinated Corns	16½	.15½	14.50



Marcross C6.13
A leading early
hybrid Sweet Corn

CUCUMBERS

One pkt. will plant 20 hills; ounce, 75 hills; 2 to 3 pounds an acre.

p200 A & C—Long, slender, dark green. This new cucumber has rapidly become very popular. The cucumbers are 8 to 9 inches long, well proportioned, smooth and dark green in color. They make a very fancy pack. The vines are strong, healthy, and productive. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.50.

p202 Boston Pickling—Very productive, extensively grown for pickles. Very smooth and symmetrical—flesh crisp and tender. It continues to be the most popular for home use. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.

p203 Colorado—60 days. The finest slicing cucumber. Beautiful, long, slender, dark green fruits, 9-12 in. long, that bring the highest prices on the critical markets. Popular because of its fine shape and intense color, which is maintained longer than that of most varieties. A heavy yielder. Pkt., 10c; oz., 25c; ¼ lb., 80c; 1 lb., \$2.50.

p204 Cubit—This winner of the 1944 All-American Selections Bronze Medal, is a dark green white spine, cylindrical cucumber with rounded ends. Its handsome appearance and firm white flesh are retained for a long time after picking. It is a prolific bearer, producing more and better fruits for early picking. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.00.

p206 Improved Long Green—62 days. Very vigorous and productive. Fruits long, uniformly slender, beautiful dark green. The stock we offer is second to none. Prices—Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

p208 Improved White Spine—58-62 days. Its earliness and productivity have kept this strain among the leaders. The fruits are medium long, medium green and medium in thickness of flesh. Good flavor and quality. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.

p210 Straight Eight—A very prolific long white spine. Popular because of the large yield of fine straight cucumbers, which are 8 to 9 inches long, smooth and somewhat blunt ended. The color is medium dark green. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.50.

p212 West Indian Gherkin—50 days. It is quite distinct from Cucumber; is used for very small pickles. Fruits are about 2 in. long, 1 in. in diameter. Pkt., 10c; oz., 25c.

COLLARDS

r216 Georgia Southern or Creole—This is a tall, loose-leaved cabbage-like plant. Grown for table greens and for stock or poultry feeding. Sow seed early in rows and transplant or thin to 4 in. in the row. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 90.

CRESS

½ ounce to 100 feet of row.

u218 Extra Curled or Pepper Grass—Adds an excellent flavor to salads. Pkt., 10c; oz., 55c; ¼ lb., \$1.65; lb., \$5.00.

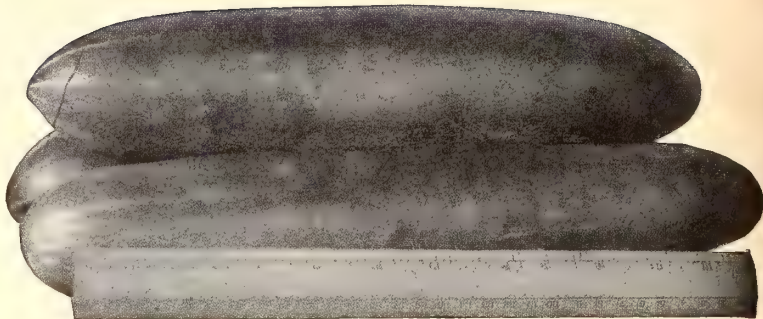
DILL

See herbs on opposite page.



Hotkaps

Produce earlier Egg Plants, Cucumbers, Melons, Peppers and Tomatoes with Hotcaps. see price list on page 69.



Colorado—the Finest Slicing Cucumber

EGG PLANT

One ounce grows 1,000 plants.

p220 Black Beauty—Earliest and best of all large fruited Egg Plants. The grand, large fruits are thick and most attractive; deep and rich color. Pkt., 10c; oz., 90c; ¼ lb., \$2.75; lb., \$8.00.

n6050 Plants—Black Beauty plants grown in flats will be available after April 15th. 10 for 35c; 100, \$2.00. If by mail add 5c per 10; 15c for 100, for packing and postage.

ENDIVE

One ounce, 300 feet; 4 to 5 pounds per acre.

A salad vegetable valuable for Winter use. Sow in June or July, in rows, and thin to about six inches.

s226 Broad Leaved Batavian—Broad, more or less twisted and waved green leaves with thick white mid-ribs. Unsurpassed for salad.

s228 Green Curled—Very curly. The mid-ribs being wide and whitish, with the outer edges very much indented. Very attractive.

Either of above—Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75; 10 lbs., \$16.50.

m230 GARLIC

The bulbs should be separated into flakes or "cloves," and planted like onion sets. Bulbs for planting—lb., 50c; 5 lbs., \$2.25.

HORSE RADISH

Roots should be planted small end down and covered with two inches of soil in rows and set 15 to 20 inches apart.

p7006 Marliner-Kren—This is considered superior to common Horse Radish. 55c per 10; \$4.00 per 100.



Black Beauty Egg Plant

HERBS—Aromatic and Sweet

Every garden should have a few herbs. Sow early in the spring in carefully prepared soil.

- r240 Anise (15")—Seeds and leaves for flavorings.
 r242 Caraway (15")—Seed used to flavor breads, etc.
 r244 Catnip (20")—Leaves used for flavoring.
 r245 Coriander (30")—Seed used in bread and confectionery.

r246 Dill (36")—Seed used in soups and stews. Most used for pickling. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

r248 Fennel—Stems for salads—Seeds flavor candy.

r250 Horehound—Foliage and roots used for flavoring.

r252 Sweet Marjoram (24")—Used for salads and dressings.

Sage—(See page 16.)

r254 Summer Savory (12")—Leaves flavor salads, dressings, etc.

Prices of above, except where noted, Pkt., 10c.

KALE

One packet for 100 ft., 2 lbs. per acre.

A species of cabbage. The leaves are cooked as greens.
 s260 Dwarf Curled Scotch—Grows very low and compact, with large, bright deep green leaves curled, cut and crimped.

s262 Tall Green Early Scotch—Very hardy, not injured by March frost. About 30 inches tall.

Either of above—Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.50.

KOHL RABI

One ounce of seed sows 300 feet of row.

s266 Early White Vienna—Very early, small tops, light green; bulbs medium size, best quality.

Price—Pkt., 10c; oz., 45c; ¼ lb., \$1.25; lb., \$3.75.

LEEK

Seed should be planted in June for good plants in the Fall or Winter.

r270 American Flag—Best variety, having good thick stems which are also long, vigorous and mild flavored. Pkt., 10c; ½ oz., 40c; oz., 75c.

MUSHROOM SPAWN

Mushrooms may be grown by anyone having a shed or cellar where a temperature of 50 to 60 degrees is evenly maintained. Ask for free cultural directions leaflet.

k290 Pure Natural Culture Spawn—One brick, 40c; 5 bricks, \$1.75; 10 bricks, \$3.00. Shipping wt., 1¼ lbs.

p292 Sterilized Bottle Culture Spawn—Plants 4 times as much as natural spawn. Pkt., \$1.25. Shipping wt. ¾ lb.

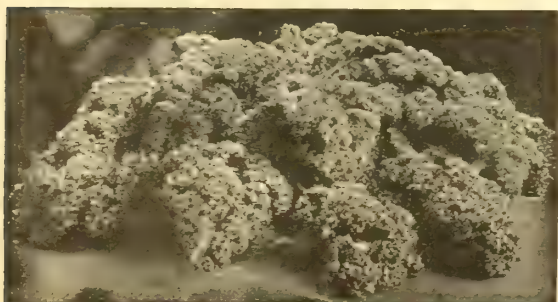
MUSTARD

An ounce plants 50 feet of row.

Excellent greens cooked the same as Spinach.

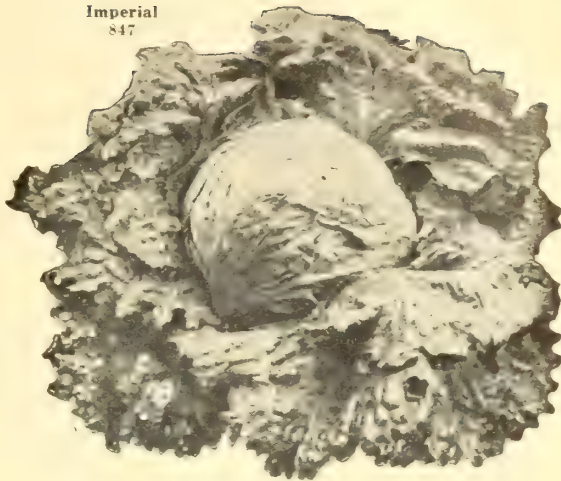
u294 Giant Southern Curled—Curled leaf, large. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

u298 Fordhook, Fancy—Beautiful dark green curled leaves with a very mild, pleasing flavor. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.10.



Dwarf Curled Scotch Kale

Imperial
847



LETTUCE

An ounce of seed will sow 250 ft. of row; about 2 lbs. an acre.

n272 Great Lakes—A really superior lettuce, winning top place in the All-America Selections for 1944. Being very resistant to tip burn, able to withstand heat and sun, and remarkably slow to throw a seed head, Great Lakes is already the most popular summer lettuce. The heads are large, crisp and very attractive. Pkt., 10c; ½ oz., 40c; 1 oz., 65c; ¼ lb., \$2.00; 1 lb., \$6.00; 10 lbs., \$57.50.

n274 Imperial No. 847—This new Imperial strain is especially fine for late Spring and Summer growing. It is a black seeded variety that shows a remarkable resistance to heat. Large, firm heads, dark green, and of high quality. Pkt., 10c; oz., 35c; ¼ lb., \$1.15; lb., \$3.40; 10 lbs., \$32.50.

n276 Imperial No. 44—Surest Heading "Iceberg" Lettuce—This new lettuce has proved to be the outstanding "Iceberg" Lettuce to grow. It is the variety which does best on a wide range of soils, both upland and muck, especially on muck. Not only does it head better than any other strains, but has shown definite resistance to tip burn. Pkt., 10c; oz., 35c; ¼ lb., \$1.15; lb., \$3.40; 10 lbs., \$32.50.

n278 Imperial No. 152—Very sure heading type which can be used under a wide range of conditions. Like other Imperial varieties, it is a head lettuce, suitable for long distance shipment Pkt., 10c; oz., 35c; ¼ lb., \$1.15; lb., \$3.40; 10 lbs., \$32.50.

n280 P.-W.'s New York No. 12—77 days. A single plant selection from the regular New York or Los Angeles market strain. It is early, makes large, solid heads, uniform in maturing. Pkt., 10c; oz., 35c; ¼ lb., \$1.15; lb., \$3.25; 10 lbs., \$31.50.

Loose Leaf Lettuce

n284 Black Seeded Simpson—45 days. This is one of the best; leaves large, thin, and exceedingly tender.

n286 Early Curled Simpson—45 days. A popular early sort, forming a large, loose head.

n288 Prizehead—47 days. Large, loose headed sort; leaves tinged with brown, very heavy.

Prices on any of above—Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

Cos or Romaine Lettuce

n289 Trianon—66 days. The flavor is different from ordinary and esteemed by many. Tie plants to blanch them or plant closely, 5 inches apart. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

MANGELS

Mangels—See page 6.

MUSKMELONS OR CANTALOUPE

A packet of seed will plant about 15 hills; an ounce, 75 hills; 2½ lbs., an acre.



Hales Best Type Muskmelons

- r302 Hales Best No. 36**—85 days. Size 5½ x 5½", weight about 3 lbs. Shape, slightly oval and very uniform. Desirable for any purpose, home, garden, roadside stands, and shipping. Flesh, pink, very thick, richly flavored.
- r310 Hales Best No. 936**—87 days. This is the Jumbo. It serves well those who desire a large melon of this type.

r304 Resistant No. 45 (Also called "Imperial No. 45" and "H. B. No. 45")—86 days. Size 6 x 5½", weight about 4 lbs. It is not only resistant to powdery mildew and the ideal shipping melon, but it is rapidly becoming a leader everywhere. Seed cavity is small, flesh thick and deep colored, delicious flavor. The fact that the seed cannot be jarred loose and remains edible and really better 10 days after picking, makes it a most desirable shipper.

r306 Honey Dew (Gold Rind, Green Flesh)—110 days. Excellent for roadside stands because of attractive color. Very popular because of its honey-like flavor. Fruits are round, about 7 in. in diameter, smooth and hard, suitable for long-distance shipping. Excellent keepers. The thick, green flesh is sweet and tender.

r308 Hearts of Gold Improved—88 days. A fine, shipping melon as well as general purpose. Medium size, round, and well netted. Flesh orange-yellow, excellent flavor, firm, and holds up well.

r312 Rocky Ford (Green Flesh)—95 days. Popular everywhere. Spicy flavor difficult to improve.

CASABA MELONS

r300—Golden Beauty—105 days. Most popular of the Casabas. It is a bright golden color and deeply wrinkled skin when mature. The flesh is creamy white, sweet and spicy.

Prices on all of above Muskmelons and Casaba—Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 10 lbs., \$21.00.

WATERMELONS

A packet of seed will plant about 8 hills; an ounce, 25 to 30 hills; 2 to 3 lbs. will plant an acre.

r320 Dixie Queen—85 days. An enormous yielder. Melons are round to oval, skin striped light and dark green; fruits are large; flesh, dark pink of splendid quality. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.25.

r324 Citron (Red Seeded)—Used for preserves. Pkt., 10c; oz., 25c; ¼ lb., 60c; 1 lb., \$1.75.

r322 Kleckley Sweet No. 6 (Wilt Resistant)—88 days. A selected type which has proven almost fully resistant to wilt. Slightly smaller than "Improved Kleckley Sweet," but otherwise identical. Pkt., 10c; oz., 25c; ¼ lb., 60c; 1 lb., \$1.75.

r326 Green Klondike—90 days. Solid dark green, showing light ribs running lengthwise. Truly delicious. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 10 lbs., \$21.50.

r328 Striped Klondike No. 11—90 days. A new selection of the attractive and universally popular shipping melon which carries the highest sugar content of any commercial variety. The rind is thin, but strong; the flesh is solid and a bright red. Average weight is 30 lbs., slightly larger than the parent strain. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 10 lbs., \$21.50.

r332 King and Queen (Winter)—85 days. An excellent shipper. Flesh is sweet and of fine texture. When properly stored, they remain edible for several months. The color is light cream with faint irregular green stripes. Seeds are quite small and very black. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.00.

r334 Stone Mountain—85 days. Combines large size with earliness. Weight 50 lbs. or over, broad oval in shape, with crimson flesh. Fine for home or market. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.75.

OKRA OR GUMBO

A packet of seed will sow 15 ft. of row; an ounce, 50 ft.

s340 Dwarf Green—50 days. Early dwarf growing variety with dark green pods. Its early maturity and good quality make it popular with market growers.

s342 Clemson Spineless—55 days. An improved Perkins long-podded type. Awarded All-American silver medal in 1939. A very uniform spineless strain; straight pods rich green.

Price of above—Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.



Okra Clemson Spineless

ONIONS

A packet of seed will sow about 25 feet of row; ½ ounce, 100 feet; 3 to 6 lbs., an acre.

n350 Sweet Spanish (Utah Strain)—Hundreds of carloads of Sweet Spanish Onions are dispatched from Utah districts every season. The importance of onions as a major Utah crop necessitates great care in the selection of a superior strain. Today "Utah Strain" is universally acclaimed for its excellence. Its superiority lies in its deep yellow color, large size, trueness to type, and fine keeping qualities. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$2.00; lb., \$6.00.

r352 Sweet Spanish (Utah Certified)—Same as above. Sealed and certification tags attached. (One pound minimum sale), lb., \$7.50.

m374 Evergreen White Bunching—The onions are produced in clusters of 4 to 9 long, leek-like, silvery white stalks which are excellent for bunching. The stalks are twice the size of ordinary bunching onions. The plant is hardy and sometimes used as a perennial. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$2.00; lb., \$6.00.

n356 P.-W.'s Mountain Danvers (Also called Oregon Danvers) — A large, semi-globe shaped onion well adapted to high altitudes and short season. It is particularly notable for its hard bulb with thick skin and its excellent storage quality. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75; lb., \$5.00.

n358 Crystal White Wax—Very large white onion of the Bermuda type. The sweet, mild flavor and large size make it a ready seller on any market. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50.

m360 Southport White Globe—A fine white onion. The bulbs are round, medium large, solid, and pure white. The flesh is waxy white, fine grained, and mild. Keeps well in fall storage. For large market growers, it always commands the highest prices. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$2.00; lb., \$5.50.

n362 P.-W.'s White Sweet Spanish—Similar in shape, size and habits of growth to P.-W.'s Sweet Spanish Onion. It has a beautiful white skin which makes it a desirable onion for market. The flavor is unusually sweet and mild. A fairly heavy yielder and the bulbs sell for the top market prices. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$2.00; lb., \$6.00.

m364 Yellow Globe Danvers—A popular strain of Yellow Globe. It is hardy, heavy cropping and keeps well in storage. Bulbs medium large, round, yellow, firm. Flesh white, with slight yellow tone. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50.

n366 Barletta—The best extra early small variety for pickling and green bunchings. Bulbs are small, flat, pure white, of mild, sweet flavor. Sow about 50 lbs. per acre. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$2.00; lb., \$5.50.

s368 Southport Red Globe—The leading red onion. Globe-shaped, deep purplish red. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50.

n370 Southport Yellow Globe—Medium sized, splendid yellow globe, sure keeper. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50.

k372 White Portugal or Silverskin—An all-purpose variety used in great quantity. Excellent for sets, pickling, green bunching, or for storage. A dependable cropper. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75; lb., \$5.00.



**P.-W.'s
Sweet Spanish
(Utah Strain)**

ONION PLANTS

Young, well-started plants can be supplied between April 15th and May 15th only.

n351 Crystal White Wax
n353 White Sweet Spanish
n355 Yellow Sweet Spanish
3 bunches (minimum sale) _____ 90c
(about 300 plants)
5 bunches _____ \$1.25
10 bunches (approximately
1,000 plants) _____ 2.00
Full crate (approximately 6,000
plants) _____ Write

If by mail add 10c for 3 bunches, or 25c for 10 bunches for packing and postage.



Onion Plants

ONION SETS

*A quart (1 lb.) will set
75 to 100 feet of row.*

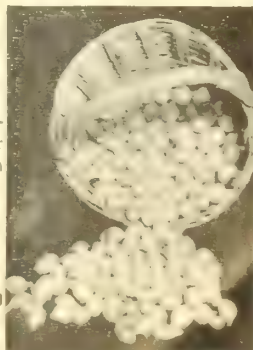
Onions grown from sets mature 3 to 4 weeks earlier than those grown from seed.

n376 Yellow Sets

n378 White Sets

1 lb., 35c; 5 lbs., \$1.60; 10
lbs., \$3.00.

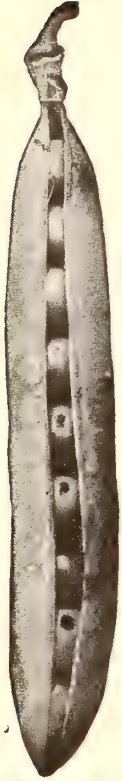
If by mail add postage at
zone rate.



Onion Sets

PEAS

A packet of seed will sow about 10 feet of row; a pound, 100 feet; 100 to 200 pounds, an acre.



f380 Alaska—60 days. Very early, smooth-seeded canning or garden variety. Vines, 30 in.; pods, 3 in., containing 5 to 8 peas.

f382 Bliss Everbearing—76 days. Popular home garden sort. Vines, 30 in. tall; dark green, thrifty, of long bearing period. Pods, 3 in. long, blunt.

f384 Dwarf Alderman—74 days. A true large-podded Alderman type with dwarf sturdy vines. Becoming very popular for main crop. The dark green pods are most attractive and command the highest prices. Vines, 20 in.; pods, 4½ in., dark and pointed.

f386 Giant Stride (Wilt resistant)—75 days. This is the largest podded variety of commercial importance. Especially adapted for the market gardener and shipper. The vine grows 28 to 30 inches tall with large dark green foliage and heavy stem. The pods are 5½ in. long, dark green and plump, containing 8 to 10 large tender peas. Giant Stride is an excellent variety for cold storage use.

f388 Hundredfold (Also called Laxtonian and Blue Bantam)—63 days. Dark pod strain. Large blue-green pods, 4½ in. long on dwarf 20 in. dark green, stout vines. Its dwarf habit and large pods containing 6-8 delicious peas, combined with its extreme earliness and heavy production make Hundredfold an outstanding home and market garden pea.

f390 Laxton's Progress—63 days. Produces the largest pods of any of the early dwarf varieties. Popular for long-distance shipping, also for home and market gardeners. We offer a very superior strain of this leading variety. Ordinarily two pickings will clean the vines. Vines, 18 in. tall; pods, 4½-5 in. long, containing 7-9 large, tender peas.

f392 Little Marvel—62 days. An outstanding early dwarf pea for home gardens. Vines 18 in. tall, vigorous, and heavily laden with pods 3 in. long, blunt. They are very attractive peas and are esteemed for their high table quality. The peas are fairly large at table stage.

DO YOU KNOW:

- The average longevity of pea seed?
- The average yield per 100 foot row?
- The vitamin, mineral and calorie content?

THE POCKET BOOK OF VEGETABLE GARDENING

Contains the answers to these and many other cultural questions for all the popular vegetable families.

ONLY 25c



Laxton's Progress

f394 Number 40 — Resemble Stratagem, but 4-5 days earlier; adapted particularly for shippers and market gardeners. Pods dark green, pointed, about 5 in. long.

f396 Stratagem—80 days. Fine late variety for home gardens, market growers, long-distance shippers. 24 in. vines; 4½ in. pods; color, dark green. A very fine variety and a heavy yielder.

Any of above, 6 oz. pkt., 20c; 1 lb., 35c; 3 lbs., 85c; 5 lbs., \$1.15; 10 lbs., \$1.90.

QUANTITY PRICES

f.o.b. Salt Lake City

	20-49 lbs. per lb.	50-99 lbs. per lb.	Bag lots 100 lbs.
Alaska	.13½	.12½	\$11.50
Bliss	.16½	.15½	14.50
Dwarf Alderman	.17½	.16½	15.50
Giant Stride	.17½	.16½	15.50
Hundredfold	.17½	.16½	15.50
Laxton's Progress	.18	.17	16.00
Little Marvel	.17	.16	15.00
No. 40	.18	.17	16.00
Stratagem	.17½	.16½	15.50



Increase your yield and build up the soil at the same time by inoculating seed peas and all other legumes with Nitragin. 100-lb. size, 50c; 1200-lb. size, \$5.70. If by mail, add 10c per 100-lb. size; 20c per 1200-lb. size, for packing and postage.



Dwarf Alderman

PARSLEY *1 oz. 150 feet of row 3 to 4 lbs. per acre*

- p402 **Champion Moss Curled**—A vigorous compact sort. Deep green color and attractive foliage. One of the best for market or home use.
- p404 **Double Curled**—A standard dwarf variety, having deeply cut and curled leaves.
- p406 **Hamburg (Rooted)**—Fleshy roots resembling parsnips. Flesh, white. Roots may be dug and carried through winter like turnips. 100 days.
- Prices, all of above—Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.25.

PARSNIPS *1 oz. for 100 feet 5 to 6 lbs. per acre*

- r408 **Ideal Hollow Crown**—Our strain of Hollow Crown is the thick shouldered type particularly fine, smooth and regular. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00; 10 lbs., \$9.00.
- r410 **New Harris White Model**—This is considered by all market gardeners who have tried it, an improvement over the Hollow Crown. It is of medium length, smooth, and pure creamy white. The absence of side roots and the ease with which it is harvested are important points in its favor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.10; 10 lbs., \$10.00.



New Harris Model Parsnip



Sugar or Pie Pumpkin

PUMPKINS

1 oz. 20 hills; 3 lbs. per acre

- r412 **Connecticut Field (Big Tom)**—Large orange colored fruits, flat on the ends with smooth, hard rind. For canning or pies, also used largely for stock feed. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.
- r416 **King of the Mammoth**—Also called "Jumbo" or "Pot-iron." This is the largest pumpkin. Flesh is thick, yellow, and fine-grained. Used principally for exhibition and stock feeding. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.
- r418 **Sugar Pie Pumpkin**—A handsome and productive small pumpkin, ten to twelve inches in diameter; flat-round, skin orange. Flesh deep yellow of fine grain and very sweet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

PEPPERS

1 oz. per 1,000 plants

- n424 **California Wonder XXX Strain**—Has all the qualities desired in a stuffing pepper. Grows 4 inches in length and $3\frac{1}{2}$ inches in diameter. A fine, sweet and tender pepper with very thick walls. Smooth, glossy, green fruits, changing to crimson when ripe. The most uniform and highest quality strain. Pkt., 10c; $\frac{1}{2}$ oz., 60c; oz., \$1.10; $\frac{1}{4}$ lb., \$3.25; lb., \$10.00.
- n424 **Calwonder Early**—An early strain of California Wonder maturing a week to ten days earlier than others. The plant is stocky and sturdy, vigorous and prolific, bearing smooth uniform fruits of deep green color and mild flavor. Pkt., 10c; $\frac{1}{2}$ oz., 60c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00; lb., \$9.00.
- r426 **Chinese Giant**—A large pepper, yielding enormously. Fruits are a rich dark green, turning to scarlet red. Pkt., 10c; $\frac{1}{2}$ oz., 60c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00; lb., \$9.00.
- r428 **Anaheim Chili**—A hot late variety, popular because of its agreeable pungency. Fruits are 6-8 inches long, 1 inch wide, tapered. Pkt., 10c; oz., 75c; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00.
- r430 **Long Red Cayenne**—Strong and pungent; fruits about 5 in. long and $\frac{3}{4}$ in. thick. Pkt., 10c; $\frac{1}{2}$ oz., 45c; oz., 75c; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00.
- r434 **Pimento**—The sweetest pepper grown, as it does not contain the slightest trace of fieriness. Fruits heart-shaped. Pkt., 10c; $\frac{1}{2}$ oz., 50c; oz., 90c; $\frac{1}{4}$ lb., \$2.75; lb., \$8.00.
- r436 **Red Chili**—Small, bright red, hot and pungent. About 2 in. long and $\frac{1}{4}$ - $\frac{1}{2}$ in. wide. Pkt., 10c; $\frac{1}{2}$ oz., 50c; oz., 90c; $\frac{1}{4}$ lb., \$2.75; lb., \$8.00.

PEPPER PLANTS

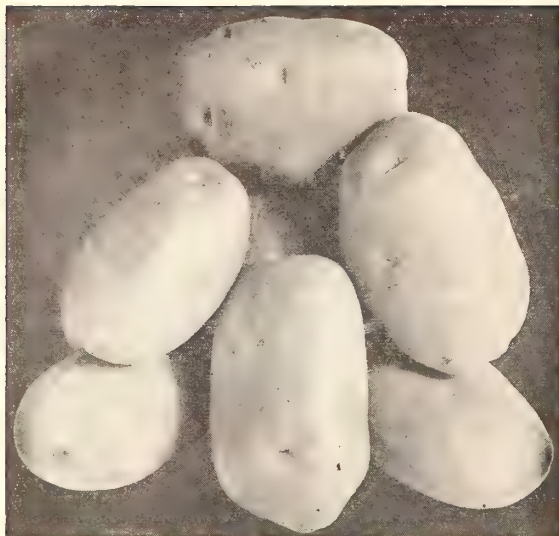
n6060 California Wonder

n6064 Chinese Giant

35c per 10; \$2.00 per 100. If by mail, add 5c per 10; 15c per 100 for packing and postage. Prices of larger quantities for collect shipment mailed on request.



Calwonder Early—Earliest Red Fruiting Variety



P.-W.'s Mountain Grown Potatoes

POTATOES

10 lbs., 100 feet of row—800-1000 lbs. per acre.

Seed Potatoes

- c440 Bliss Triumph—Early. Tubers nearly round, smooth, reddish-pink, with shallow eyes. They yield enormous crops.
- c442 Idaho Russet—The best baking potato. Its pearl white, dry and mealy flesh cannot be surpassed. Late maturing.
- c444 Irish Cobblers—The leading early, round, white potatoes.

Potato prices are subject to market changes. Write for quotation.

Imp. Semesan Bel
— Controls seed-borne Rhizoctonia and scab. 2 ozs. will treat 6 to 8 bushels. Prices—2 oz. pkg., 30c; 1 lb., \$1.65; 5 lbs., \$7.15.

e3576
SEMESAN BEL
For Highest Production

RADISHES

1 oz., 50 feet of row—3-4 lbs. per acre

- n450 Comet (Long Standing)—We are proud to offer this fine round radish to our trade. It is the brightest colored of all table radishes and stays in condition longer without becoming pithy. Color is clear, solid scarlet. Ideal for market garden use.
- n452 P.-W.'s Sparkler—The radishes are round, brilliant scarlet with white bottoms. Ready for the table in 20 days from planting. Valuable for forcing under glass, as well as for the open. Skin very smooth, and its color gives an appetizing appearance.
- n454 Crimson Giant—29 days (Long standing)—A superior, all-around home and market garden sort. It is the largest of the early radishes, the globular roots often attaining a diameter of 1½ inches without becoming pithy. It is deep crimson in color with white flesh of unexcelled quality, which holds its firmness well.
- n456 French Breakfast—24 days. A splendid variety, medium-sized, olive-shaped, very crisp and tender; scarlet color with white tip.
- n458 Early Scarlet Globe (Medium Top)—It is preferred for general outdoor culture where a good top is desired for bunching. Rich scarlet color; tender, mild flavor. Bred for uniformity of slightly oval globes. Crisp white flesh of splendid quality.

- n460 Icicle—The most popular of all long radishes. Pure white, slender, and tapering in shape. The flesh is crisp; always tender, and of splendid flavor. 27 days.

Radish Prices—Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., 85c; 10 lbs., \$8.00; 100 lbs., \$75.00.

Winter Varieties

- Seed for winter radishes should be sown about the first of August. For winter use, the roots should be pulled and packed in damp sand and stored in a cool cellar.
- n462 Chinese Rose—Half-long, flesh pink, solid.
- n464 Long Black Spanish—Roots black.
- n466 Celestial or White Chinese—Pure white, firm.
- Price, any of above—Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., 85c.

RHUBARB OR PIE PLANT

1 oz. of seed will sow 100 ft. of row

- s470 Victoria—Very large and tender. The best variety to plant from seed. Pkt., 10c; oz., 45c; ¼ lb., \$1.25; lb., \$3.75.
- p7007 Victoria Roots—3 for 60c; \$1.80 per 10; \$15.00 per 100.
- p7009 MacDonald Red—This variety is now generally considered the best red Rhubarb obtainable. The stalks are very large and bright crimson in color. They are tender, of excellent flavor and when cooked they make a delicious deep pink sauce. Propagated only from divisions. Strong Roots, 75c each; 10 for \$6.00; 100 for \$50.00. Postage and packing extra—8c each or 50c for 10.

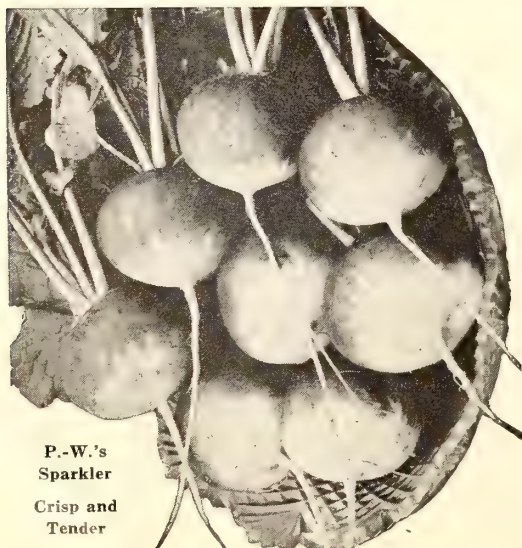
SAGE

- u480 S. Officinalis—An indispensable perennial much in demand for seasoning. Pkt., 10c; ½ oz., 90c; oz., \$1.50.
- n6070 One year plants—3 for 85c; 10 for \$2.70. Postage extra, 40c for 10.

SALSIFY

Cultivate the same as carrots. Can remain in the ground all winter for early spring use.

- n486 Mammoth Sandwich Island—Grows to a very large size and resembles a good-sized parsnip. Mild and delicately flavored. Pkt., 10c; oz., 65c; ¼ lb., \$2.00; lb., \$6.00.



P.-W.'s
Sparkler
Crisp and
Tender

SPINACH

$\frac{1}{4}$ lb. seed will sow 200 ft.; 12 to 20 lbs., an acre.

k490 Bloomsdale Long Standing Improved (Savoy-leaved)
—We offer a wonderfully well-bred strain. Large, deep green, well crumpled leaves which produce enormous crops and stand a long time without bolting to seed. Highly recommended to spinach growers who demand only the finest.

Prices—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c; 10 lbs., \$4.50; 100 lbs., \$40.00.

New Zealand Spinach

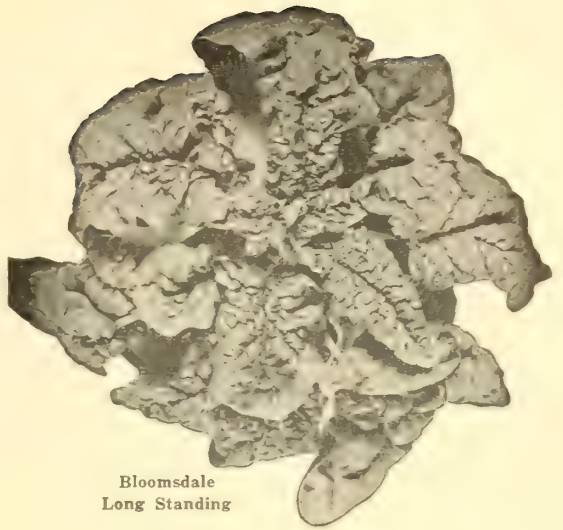
r492

Delightful tender greens all summer and fall. Both the leaves and stalks are very fleshy and brittle. Plant in early spring or very late in the fall. The plants should be 2 feet apart in the row and the rows 3 feet apart.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75.



Swiss Chard
Fordhook Giant



Bloomsdale
Long Standing

SWISS CHARD

$\frac{1}{4}$ lb. of seed will sow 250 ft. of row; 10 lbs., an acre.

r496 Fordhook Giant—The rich dark green leaves are very crinkled, thick, and quite tender, making excellent boiling greens. The wide, pearly-white stems are delicious if prepared like Asparagus. The appealing dark green color makes Fordhook the leading variety. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.40.

r498 RHUBARB CHARD—A valuable novelty, with dark green crumpled leaves above bright crimson stalks. Very attractive in appearance and excellent in flavor. Pkt., 10c; oz., 65c; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00.

SQUASH

Summer Squash

$\frac{1}{4}$ lb. of seed will plant about 100 hills;
5 to 6 lbs. of seed an acre.

p502 Early Prolific Straightneck—The fruits are very uniform for shape and size and the skin is a clear, bright yellow color, with no trace of green even when young. Small vine growth allows thick planting. They are usable when only 4 to 5 in. long and until 12 to 14 in. long.

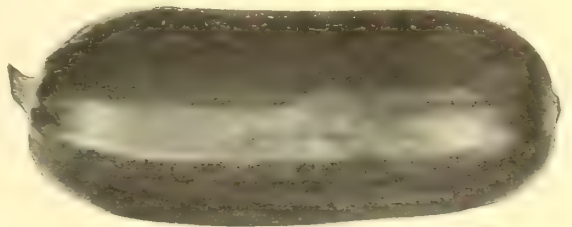
p504 Coccozelle Bush—Is long and cylindrical. Dark green when young, and fine flavored. Bush vines.

p506 Early White Bush—Fruits are rather small, quite flat, with scalloped edges. They are produced in amazing quantities, and if kept picked will bear until frost. Snow-white at all times.

p510 Early Yellow Summer Crookneck—Fruits heavily warted and golden yellow in color. We have a beautiful pure line strain.

p512 Zucchini Black—Replacing Coccozelle. Fruits long and slender, showing a black green color when young. We believe they have a better flavor.

Price, any of above—Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 10 lbs., \$14.00.



Zucchini Black

Winter Squash

$\frac{1}{4}$ lb. of seed will plant 50 hills;
3 to 4 lbs. of seed an acre.

p514 Banana (Blue)—Popular winter squash. Fruits 18 to 24 inches long and about 7 inches in diameter. Slate grey color; flesh fine-grained, deep yellow, dry, and sweet.

p516 Chicago Warted Hubbard—Dark green, flesh dry and sweet. Very hard shell insures long keeping qualities. It is the largest of the green Hubbards and is thickly covered with warts. Undoubtedly the most popular of any squash in this class.

p518 Green Delicious—Believed the driest and sweetest of any of the winter squashes. Fruits 8 lbs.

p520 Golden Delicious—The color is a bright golden with lighter stripes. An excellent small squash for roadside and market; also widely used for canning. Wonderful flavor.

p522 Golden Hubbard—It is a little smaller than the Green Hubbard types and a few days earlier. Fruits 8 to 10 lbs.; orange-red color, flesh deep orange, dry, and of good quality. Keeps well.

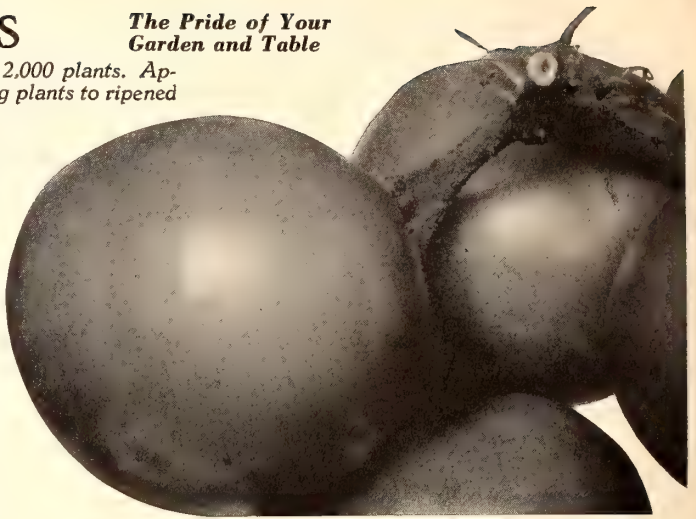
Price, any of above—Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.00; 10 lbs., \$19.00.

p524 Table Queen (Acorn)—An individual size squash. Outside color, green; flesh, light orange; dry, sweet flavor. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

TOMATOES

*The Pride of Your
Garden and Table*

An ounce of seed will produce about 2,000 plants. Approximate number of days from setting plants to ripened fruits are indicated.



P.-W.'s Early Canner

r530 P.-W.'s EARLY CANNER—The fruits are smooth, very red, and not susceptible to cracks. Vines are compact in habit, allowing three plants in the space ordinarily required for two. Many years have been spent in tests and selection, to combine the virtues which make it an outstanding variety for all gardeners. 70 days. Pkt., 10c; ½ oz., 60c; oz., \$1.10; ¼ lb., \$3.25; lb., \$10.00.

p532 Marglobe—Blight resistant. Widely planted by market growers, canners, and home gardeners. The fruits are large, globe-shaped, smooth, deep red, very solid and firm; delicious flavor. It is also the standard variety for green pack, as it grows with very little stem crack and ripens well in storage. 75-80 days. Pkt., 10c; oz., 70c; ¼ lb., \$2.15; lb., \$6.50.

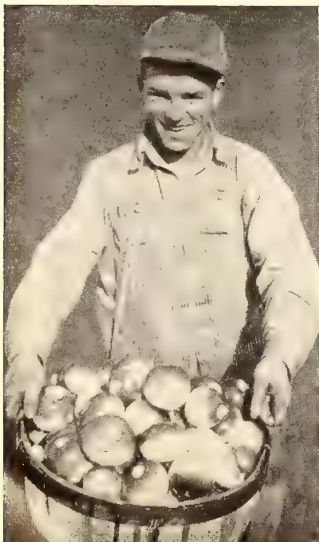
n534 CARDINAL—A modern introduction in the main crop class. It is an early Stone type, ripening about 8 days earlier than Improved Stone and bearing over a long season. The fruits are large, smooth, semi-globe shaped with unusually deep interior color and thick solid section-walls. Pkt., 10c; ½ oz., 90c; oz., \$1.50; ¼ lb., \$4.50; lb., \$14.00.

n536 Earliana Special—We earnestly believe our strain is the finest of this first early type. Fruits are medium size, flattened globe-shape, deep scarlet-red, firm and smooth. 66 days. Pkt., 10c; oz., \$1.00; ¼ lb., \$2.75; lb., \$8.00.

p538 John Baer—We regard this variety as one of the best medium earlies and recommend it most highly for all purposes. Fruits bright scarlet-red, smooth, and quite firm. 70 days. Pkt., 10c; oz., 70c; ¼ lb., \$2.15; lb., \$6.50.

p540 Stokesdale—An excellent medium early tomato, ripening in season of John Baer and adapted for market and canning. The fruit is medium size, deep globe-shape, very solid and of fine quality. The vines are very prolific. Pkt., 10c; oz., 70c; ¼ lb., \$2.15; lb., \$6.50.

p542 Stone (Improved)—Enormous yielder. Valuable for the market gardener, trucker, and canner. Bright deep scarlet fruits; large and flat, but deep; smooth and solid. 86 days. Pkt., 10c; oz., 80c; ¼ lb., \$2.50; lb., \$7.50.



Purple Top White Globe

Small Fruited Tomatoes

These tiny tomatoes are prized for pickles, preserving, salads and pie making.

t554 Ground Cherry

t546 Red Cherry

t548 Red Pear

t550 Yellow Pear

Price—Pkt., 10c; ½ oz., 60c; oz., \$1.00.

t556 HUCKLEBERRY (Wonderberry)—The fruit is as large as a grape and jet black when ripe. Makes delicious pies, jellies, preserves, jams, etc. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

P.-W.'s STURDY TOMATO PLANTS

For many years we have made a specialty of growing tomato plants. Our plants are transplanted into flats, scientifically grown, sturdy and well hardened; and are far superior to plants taken directly from the seed bed or greenhouse to the field.

n6080 P.-W.'s Early Canner

n6088 Imp. Stone

n6082 Earliana

n6084 John Baer

n6086 Stokesdale

Ready from about May 1 to June 25th.

Price—35c per 10; \$2.10 per 100. If by mail add 5c per 10 or 15c per 100 for packing and postage. Prices mailed on request on large quantities for pick up here or for express collect shipment.

TURNIPS *It requires 1 to 1½ lbs. of seed per acre in drills An ounce will sow 300 feet of row*

p560 Purple Top White Globe (Special Strain)—This fine stock produces the world's finest turnips. Large, smooth, and delicious flavored. The color is snow-white with a rich purple top; the flesh is firm, fine-grained and tender. It is the standard home, market, garden and shipping variety and always sells at advanced prices over ordinary sorts. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 60c; 10 lbs., \$5.00.

p562 Snowball—An early variety next in popularity to Purple Top White Globe. Roots are round, pure white throughout. Flesh is fine-grained, sweet, and tender. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 70c; 10 lbs., \$6.00.

Rutabaga or Swede Turnip

r570 American Purple Top—Remarkable for uniform shape and fine quality; a splendid keeper. Skin smooth; a beautiful yellow color, fine-grained, very sweet der. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 70c; 10 lbs., \$6.00.

r572 Golden Neckless—A favorite winter variety maturing earlier than the American Purple Top, which it closely resembles. The flesh is light yellow, fine-grained, and sweet. Roots are uniform in shape and color with a very small neck. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; 10 lbs., \$6.00.

Annual Seeds

for

**NEAT BORDERS
FRAGRANT
CUT FLOWERS
GAILY COLORED BEDS**

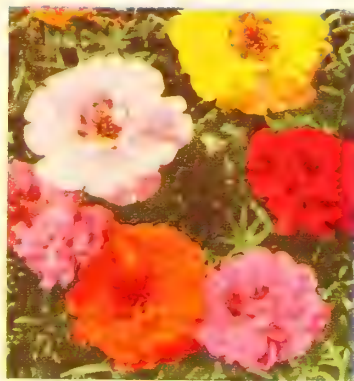


† **STOCKS**

PORTULACA DOUBLE

† 1490—Portulaca or Moss Rose thrives in hot sunny borders, forming a low mat-like ground cover or border and blooming continuously.

Pkt. 25c.



PORTULACA DOUBLE

IMPROVED 10-WEEKS STOCKS MIXTURE

† 1620—This is the finest obtainable. Containing a wonderful blend of rich pastel colors, it is highly pleasing in flower beds and makes beautiful bouquets.

Pkt. 10c.



AGERATUM, MIDGET BLUE

AGERATUM MIDGET BLUE

† 1004—Only four inches tall and bears soft feathery blooms. It is one of the neatest border plants.

Pkt. 35c.



VERBENA, GIANT HYBRID

VERBENAS

† 1652—Verbenas are vigorous, easily adaptable annuals of many vivid shades. Ideal for bedding or medium borders.

Pkt. 25c.

DIANTHUS PINKS

† 1134 — Dianthus Pinks will perform wonders in the slightly shaded sections of your garden. They have large single flowers, daintly fringed.

Pkt. 10c.



DIANTHUS (PINKS)

Beautiful

KING LARKSPURS

The most recently developed King Larkspurs are displacing older strains and are used extensively by professional florists

SPECIAL No. 620

TODAY'S FIVE LEADING VARIETIES

- † 1194—CARMINE KING, 15c.
- † 1204—LILAC KING, 15c.
- † 1192—BLUE BELL, 15c.
- † 1206 LOS ANGELES IMPROVED 10c.
- † 1210—WHITE KING, 15c.

All 5 Leaders, 55c

ASK FOR SPECIAL No. 620



New

Early Flowering Sweet Peas

A SUPERIOR GARDEN STRAIN

EARLIER . . . LONGER BLOOMING
LARGE . . . FRAGRANT
EXCELLENT FOR CUTTING

SPECIAL No. 620A

One packet of each of these distinctive varieties (Regular 15c each)

ALL EIGHT—95c.

- † 1550 BACCHUS
- † 1552 BRIDESMAID
- † 1554 EILEEN
- † 1556 FRAGRANCE
- † 1560 IRIS BLUE
- † 1566 STERLING
- † 1568 SUSANNA
- † 1570 TREASURE ISLAND

ASK FOR SPECIAL No. 620A

Key to Identification of Varieties:



ANNUAL FLOWER SEEDS

Annuals Make Summer's Greatest Show

Ageratum *ajuFH*

- u906 Blue Perfection (9")—Pkt. 10c.
u902 Dwarf Blue Cap (6-8")—Pkt. 15c.
t1004 Midget Blue (3-4")—Pkt., 35c.

Alyssum

- u910 Benthami Mariatimum (Sweet Alyssum) *ajuFHN* (10")—White, honey-scented flowers bloom early and continue until frost. Pkt., 10c; 1/4 oz., 30c.
u912 Little Gem *ajuBDGN* (8")—Dwarf, completely covered with snowy-white blossoms. Pkt., 10c; 1/4 oz., 45c.
u914 Snow Cloth (Procumbens) *ajuFHN* (4")—Very dwarf, compact, and quite spreading. Pure white flowers completely cover the plants. Pkt., 10c; 1/4 oz., 50c.
u916 Violet Queen *ajuFHN* (6")—Very desirable. Plants are dwarf, compact, neat in habit, and free flowering. The sweet-scented flowers are a very rich shade of violet. Pkt., 15c; 1/8 oz., 35c.

ANTIRRHINUMS (Snapdragons)

ajrFGN

- MAXIMUM or Super Giants Rust Resistant (30"-36")**—The development of these new rust-proof strains has made Snapdragons more popular than ever. Plants are base branching, each producing up to 1 1/2 dozen long, graceful spikes covered with large flowers. Foliage is clean, healthy, and luxuriant.



Super Giant Snapdragon

- u920 Alaska—Pure white.
u922 Apple Blossom — Light pink.
u924 Canary Bird — Canary yellow, deeper lip.
u926 Christmas Candle — Flame-red, lighter throat.
u928 Copper King — Burnished copper.
u930 Crimson — Deep crimson.
u932 Indian Summer — Reddish bronze and golden hues.
u934 Loveliness — Soft, rose-pink.
u936 Rosalie — A rich deep rose with an underlying tone of topaz or amber.
u940 Maximum or Super Giant Mixed — Well-blended.
u942 California Giant Mixture — This deluxe mixture will supply a never-ending color combination of long-stemmed, rust-proof, cut flowers. Price, each of above, Pkt., 15c; 1/32 oz., 45c.

EXTRA STURDY Plants and earlier blossoms of Snapdragons, Asters, and Alyssum are produced by late Fall sowing and mulching.

Asters (3') *aorsCDHN*

Improved California Giant—Long, strong stems bearing beautifully formed, curled and interlaced flowers 5 in. across.

- u952 Light Blue u954 Pure White u1058 Rose
u950 Crimson u956 Purple
Any of above except mixed—Pkt., 15c; 1/16 oz., 45c.
u959 Imp. California Giants Mixed. . Pkt., 10c.
Early American Beauty—Wilt Resistant—The outer petals reflex and the center ones curved gracefully inward. Magnificent for cutting.
u960 White u966 Crimson u970 Deep Rose
u962 Light Blue u968 Shell Pink u972 Mixed
u964 Dark Blue
Each of above—Pkt., 10c; 1/16 oz., 45c.

Giant Crego—Wilt Resistant—Large flowers are borne on stems twelve inches or more in length. Their lasting qualities when cut are unsurpassed.

- u974 White u978 Crimson u982 Light Blue
u976 Rose Pink u980 Dark Blue u984 Mixed
Each of above—Pkt., 10c; 1/8 oz., 35c.

- u990 Heart of France Aster (24")—The largest flowering of the very dark red sorts. Pkt., 15c; 1/16 oz., 40c.
u992 Giant California Sunshine, Mixed—Large flowers with loosely placed outer petals contrasting with the creamy yellow or blue centers. Pkt., 10c; 1/16 oz., 40c.
u994 El Monte (Super Giant)—Immense, brilliant, glowing crimson flowers. Pkt., 15c; 1/16 oz., 45c.
u1096 Los Angeles (Super Giant) — Pure, shell-pink. Pkt., 15c; 1/16 oz., 45c.

Baloon Vine (15') *ajrCHSU*

- u1000 Love in a Puff—A clean, free-growing vine bearing numbers of large, round, inflated seedbuds resembling miniature balloons. Pkt., 10c; 1/4 oz., 35c.

Balsam (Lady Slipper) (18')

aksCHS

- u1006 Double Camellia-Flowered Mixture—Today's Balsams are greatly improved over their predecessors. They blossom continuously in many colors. Pkt., 10c; 1/8 oz., 35c.



Improved California Giant

u1008 Brachycome
(Swan River Daisy) (9"-12")

Small, cineraria-like blooms nearly all summer. Our mixture contains all the colors: white, pink and blue. Pkt., 10c; 1/8 oz., 35c.

Cactus

u1010 All Types Mixed—You will be thrilled with the many interesting varieties of Cactus this seed will produce. Pkt., 10c; 1/16 oz., 40c.

Calendula (18") akrsBDGN

u1012 Chrysanth or Sunshine—Large, clear buttercup yellow, long loosely-arranged petals resembling Chrysanthemums. Pkt., 10c; 1/4 oz., 35c.



Calendula Chrysanth



Celosia Plumosa



Double Cosmos

u1014 Improved Campfire—Rich orange flowers with a scarlet sheen. Pkt., 10c; 1/4 oz., 35c.

u1016 Orange King—A glowing orange with incurved center petals. Pkt., 10c; 1/4 oz., 35c.

u1018 Double Giant Mixed—All colors, Pkt., 5c; 1/2 oz., 35c.

California Poppy (Eschscholtzia) (8")
ajsBJN

u1022 Aurantiaca (Orange King)—Rich golden orange. Pkt., 5c; 1/2 oz., 25c.

u1024 Mixed, all colors—Many shades. Pkt., 5c; 1/2 oz., 25c.

Calliopsis (12") aksFHN

u1030 Drummond's Golden Crown—Large, orange-yellow flowers on wiry stems. Pkt., 10c; 1/4 oz., 35c.

u1032 Finest Mixed—Pkt., 5c; 1/4 oz., 30c.

Candytuft ajsBHN

u1036 Giant Hyacinth-Flowered White (12")—Large spikes of snowy white flowers, sturdy and compact. Pkt., 10c; 1/4 oz., 35c.

u1038 Umbrellata Finest Mixed (12")—Pkt., 5c; 1/4 oz., 30c.

Carnations

u1040 Giant Marguerite Mixed—Begin to flower in a few weeks from time of sowing. Pkt., 10c.

Celosia (Coxcomb) aksFHU

u1044 Chinese Woolflower (30")—Rapid grower with many branches terminating in a flower head resembling a ball of colored wool. The color remains unfaded with frost. Pkt., 10c; 1/8 oz., 30c.

u1046 Crested Dwarf Mixed (15")—Fine dwarf habit with broad compact plumes resembling giant rooster combs. Pkt., 10c; 1/16 oz., 30c.

u1048 Pride of Castle Gould—Large, fluffy, ostrich-feather-like plumes of yellow, scarlet, crimson, and orange in mixture. Pkt., 10c; 1/8 oz., 35c.

u1050 Plumosa, Finest Mixed (2 1/2-3 ft.)—Pkt., 10c; 1/8 oz., 30c.

Centaureas

u1054 Cyanus Blue Boy—Large, fully double flowers of intensified blue. Long stems for cutting. Pkt., 10c; 1/8 oz., 25c.

u1056 Cyanus Jubilee Gem akubGN (12")—Charming compact plants literally covered with vivid blue flowers. Beautiful flower of recent development. Pkt., 10c; 1/8 oz., 35c.

u1058 Cyanus Mixed (Bachelor Buttons) akrBGN (24")—A double flowering mixture of many colors. Pkt., 5c; 1/8 oz., 25c.

u 1060 Imperialis Mixed (Sweet Sultan) akrBGN—These large, long-stemmed, sweet-scented flowers are exquisitely fringed and truly graceful in appearance. Pkt., 10c; 1/8 oz., 25c.

Cheiranthus (Siberian Wallflower)

u1070 Golden Bedder aknsBJN (12")—A very free-flowering plant producing golden yellow flowers. Pkt., 10c; 1/8 oz., 25c.

Clarkia (1') aksFHN

n1080 Elegans Double Mixed—The flowers are best described as resembling sprays of Double Flowering Almond. Pkt., 10c; 1/16 oz., 35c.

Cobaea Scandens (30') ajtHK

u1094 Handsome, rapid growing climber; flowers are bell-shaped and open a clear green, but turn a beautiful purplish lilac. Seed should be sown edgewise. Pkt., 10c; 1/8 oz., 35c.

Cosmos ajstFHN

Plants of graceful beauty, fine feathery foliage, and large flowers.

u1100 Early Single Mixed (5')—Pkt., 5c; 1/4 oz., 25c.

u1106 Early Double (5')—Pkt., 10c; 1/16 oz., 40c.

n1108 Early Orange Flare (4') Pkt., 10c; 1/4 oz., 35c.

u1112 New Yellow Klondike (New)—Bright yellow. Pkt., 10c; 1/4 oz., 35c.
Giant Early Flowering Sensation (5'-6')—The unusual size—(3-4" diameter) of the Sensation Group and its new individual colors are putting Cosmos "Back on the Map" in many gardens.

u1114 Dazzler—Rich, deep crimson. Pkt. 10c.

u1118 Pink—Sparkling rose pink. Pkt. 10c.

u1120 White—Pure and glistening. Pkt., 10c.

u1124 Mixed Colors—Many beautiful shades. Pkt., 10c.

Cynoglossum (Chinese Forget-Me-Not)

- u1130 Firmament ajsFH (18")—A new dwarf type of Chinese Forget-Me-Not with flowers of vivid indigo blue. Bronze Medal Winner. Pkt., 10c; ¼ oz., 30c.

Dianthus (Garden Pinks)

- u1132 Best Single Mixed ajsBN (10")—See illustration below. Pkt., 10c; ⅛ oz., 40c.
u1134 Best Double Mixed ajsBN (10")—Pkt., 10c; ⅛ oz., 40c.

Gypsophila

- u1168 Elegans Covent Garden ajrBH (2')—Large, pure white. Several sowings will keep up a supply. Pkt., 10c; ½ oz., 30c.
u1169 Elegans Pink ((2')—Pkt. 10c; ½ oz., 40c.

Four O'clocks (Mirabilis) (2') ajsFH

Showy plants that do well everywhere. Flowers open in the afternoon except on cloudy days when they bloom all day.

- u1148 Mixed Colors—Pkt., 10c; ¼ oz., 25c.

Larkspur (4'-5') akrsFGN

Giant Imperial—This type has superseded all others for florists' and garden use. The delphinium-like spikes of double flowers are compactly placed on the upright growing plants, requiring only about one-half the space needed for the old stock flowered type of Larkspur.

- u1192 Blue Bell—Blue. Pkt. 15c.
u1194 Carmine King—Carmine Pkt. 15c.
u1198 Daintiness—Lavendar.
u1202 Blue Spire—Blue. Pkt. 15c.
u1218 Giant Imperial Mixed—These and other beautiful shades. Price—Any of above, except where noted., Pkt., 10c; ⅛ oz., 35c ¼ oz., 60c.

Linum

- u1220 Grandiflora Rubrum (Crimson Flax) ajsCH (2')—Brilliant glowing crimson-rose. Pkt., 5c; ¼ oz., 25c.

Lobelia (6'') akuFKS

- u1224 Crystal Palace Compacta—Rich, deep blue, dark foliage, Pkt., 10c; 1/32 oz., 45c.

Mignonette (12'') ajrFH

- u1236 Machet—Produces several spikes of greenish-rose and white flecked blossoms which are highly prized for fragrance. Pkt., 5c; ¼ oz., 25c.

Morning Glories and Moonflowers ajCDHK

- u1290 Scarlet O'Hara—Rich, dark rosy-crimson blossoms of good size. Pkt., 10c; ⅛ oz., 35c.
u1294 Pearly Gates (New)—A grand early flowering pure white. It companions Heavenly Blue in its nature of growth, size and quantity of bloom. Pkt., 10c; ⅛ oz., 35c.
u1298 Heavenly Blue Early Flowering—Sky blue, shading golden yellow in throat; extremely early. Pkt., 10c; ¼ oz., 35c.
u1300 Tall Mixed—All colors. Pkt., 5c; ½ oz., 25c.
u1304 White Moonflower—Night blooming. Pkt., 10c; ¼ oz., 25c.

Godetia (12'') ajsFH

People who live in higher valleys where the summers are not too hot will find these showy flowers unexcelled.

- 1150 Duke of York—Not available.
1152 Kelvedon Glory—Not available.
1154 Sybil Sherwood—Not available.
1158 Dwarf Single Mixed—Pkt., 10c; ⅛ oz., 40c.

Gourds (10'') akEHU

Large Gourd fruits make attractive decorations at harvest festivals. The small ones may be placed in bowls for table decorations. Bird houses, dippers, bowls, and toys are made of others.

- u1160 Small Varieties Mixed—Pkt., 5c; ½ oz., 30c.
u1164 All Varieties, Mixed—Pkt., 5c; ½ oz., 25c.

Helichrysum (2') akrsCHN

- u1170 Strawflower—Mixed, all colors—Pkt., 10c; ⅛ oz., 40c.

Kochia (30'') aksDU

- u1180 Childsii (Burning Bush) —Resembles a close-clipped ornamental evergreen. In autumn becomes blood-red. Pkt., 5c; ½ oz., 25c.



Dianthus Single



Godetia Upright Single



Gourd Small Varieties Mixed

Marigold *ajstFHK*

u1250 Mission Giant Goldsmith (48")—Winner Bronze Medal, 1941. A rich, golden orange. Pkt., 10c; 1/8 oz., 40c.

u1252 Gigantea Orange (Full Double Mixture) (48")—Remarkable sweet-scented, robust grower, extremely large flowered, ideal for show purposes, florist use and garden decoration. Pkt., 10c; 1/16 oz., 40c.

u1256 African Orange Alldouble (48")—Splendid orange. Pkt., 10c; 1/8 oz., 40c.

u1260 African Lemon Alldouble (48")—A clear lemon yellow. Pkt., 10c; 1/8 oz., 40c.

u1264 African Mixed Alldouble (48")—Extra large double flowers. Pkt., 10c; 1/8 oz., 35c.

u1268 Miniature (French Double) Spry (9")—Winner Silver Medal, 1941. Clear yellow, crested center, with mahogany-red guard petals. Pkt., 10c; 1/8 oz., 35c.

u1272 Dwarf French Double Monarch Strain (20")—A greatly improved strain, very compact with large double flowers in a wide range of colors in combinations of orange, bronze, yellow, and mahogany. Pkt., 10c; 1/8 oz., 35c.

u1276 Dwarf French Double Harmony Hybrids (12")—100% All Double flowers average 1 3/4 inches in diameter. One of the outstanding introductions. Pkt., 10c; 1/4 oz., 35c.

u1280 Sunkist—Silver Medal Winner 1943. The tiny six to eight-inch mound-like plants are literally covered with blossoms. Grand for bedding, borders or pot culture. Pkt., 10c; 1/8 oz., 35c.

u1284 Signata Pumila (Gnome) (6")—Dwarf plant, with delicate, fern-like leaves, densely covered with single flowers of bright golden yellow. Pkt., 10c; 1/8 oz., 40c.



Marigold
Gigantea Orange

Nasturtiums *aksuFHR*

New Double Sweet Scented

u1324 Golden Gleam—A blaze of golden yellow.

u1328 Scarlet Gleam—Fiery orange-scarlet.

u1332 Gleam Hybrids—A gorgeous color array.
Any of above—Pkt., 10c; oz., 40c.

Single Nasturtiums

u1310 Best Tall Single Mixed (24")—Pkt., 5c; oz., 40c.

u1314 Best Dwarf Single Mixed (12")—Pkt., 10c; oz., 40c.



Marigold Dwarf French Harmony

Nicotiana (Tobacco Plant) *ajsCG*

The flowers open toward evening and emit a fragrant perfume.

u1356 Crimson Bedder (15")—Pkt., 15c; 1/16 oz., 35c.

u1370 Affinis Choice Mixed (2')—Pkt., 10c; 1/8 oz., 25c.



Pansies (5") *akruFJS*

u1380 Giant International Mixture—It includes the richest reds, coppers and bronzes, together with the most delicate rose-pink shadings. Pkt., 50c; 1/16 oz., \$1.25.

u1384 Roggli's Swiss Giant—Substantial, well-rounded, huge flowers are supported by long stems. Flowers measure as large as 4-5 in. across. Pkt., 50c; 1/16 oz., \$1.50.

u1392 Rocky Mountain Giants—A fine Swiss strain grown in our own Rocky Mountains. It has been outstanding in our trials for balance of colors and large size of blooms. Pkt., 50c; 1/16 oz., \$1.00.

Swiss Giants in Colors

u1398 Berna—Dark violet blue.

u1400 Coronation Gold—The best true golden yellow.

u1402 Alplinglow—Rich garnet-red.

u1404 Rhinegold—Large yellow with dark center.

u1406 Swiss White

u1408 Lake of Thun—Marine blue.

Prices of any of above, Pkt., 50c; 1/16 oz., \$1.00.

s6500 PANSY PLANTS—Giant flowering plants carefully grown from the world's finest strains. Price 75c per doz. Plants ordered by mail will be wrapped in 1/2 dozens. Add 15c per doz. for postage and packing. Express shipments will be packed 12 plants per basket (4 baskets per crate) \$5.00 per 100.

Scotch or Tufted Pansies (Viola Cornuta) (5") *ajruFJS*
—Bloom all Summer from seed sown in early Spring, and are valuable for rock gardens, edging beds and borders. Requires protection during winter.

u1410 Chantreyland Apricot—Pkt., 25c; 1/16 oz., 75c.

u1412 Arkwright Ruby—Pkt., 25c; 1/16 oz., \$1.00.

u1414 Blue Perfection—Pkt., 25c; 1/16 oz., 85c.

u1416 Yellow Gem—Pkt., 25c; 1/16 oz., 75c.

u1418 Papilio—Violet. Pkt., 25c; 1/16 oz., 75c.

u1420 Mixed All Colors—Pkt., 25c; 1/16 oz., 75c.



Petunia Velvet Ball

PETUNIAS *ajsFKL*

Fringed Giant Flowering Types

- u1422 Dwarf Giants of California (Ramona Strain)—Dwarf ruffled and fringed, with open, well-marked throats. Pkt., 50c.
- u1424 Giants of California (Finest Mixed)—These are of great beauty, including fringed and deep-throated sorts in endless variety of colors. Pkt., 50c.
- u1425 Super Fluffy Ruffles—So ruffled and frilled that the flowers have the appearance of being double. Flowers are very large with a large throat. Pkt., 50c.
- u1426 Ruffled Monsters—Giant flowers with large throat and exquisitely ruffled edges; many bewitching shades and colors. Pkt., 50c.

All Double Flowering

- u1428 Colossal Shades of Roses (18")—Winner of the 1946 All America Silver Medal. This top place double is a luxuriant grower producing a continuous crop of large $4\frac{1}{2}$ inch blooms in shades ranging from light salmon pink to rosy mauve. Pkt., 100 seeds \$1.00.

Single Giant Flowering

- u1430 Elk's Pride (Improved Purple Prince)—Largest, darkest, and best velvety purple. Pkt., 50c; 1/64 oz., \$1.50.

Single Bedding Types

For continuous profusion of bloom, vivid coloring, and ease of culture, this class of Petunias is unsurpassed. The newest varieties are of more dwarf habit, very neat and compact.

- u1432 Celestial Rose (12-15")—A beautiful rich satiny rose. Pkt., 25c; 1/32 oz., 45c.
- u1434 Howard's Star (18-24")—Velvety purple. White Star. Pkt., 10c; 1/32 oz., 35c.
- u1436 Hybrida Mixture (18-24")—Unending variety of color. Pkt., 10c; 1/16 oz., 40c.
- u1440 Rosy Morn Improved (12-15")—Dwarf, brilliant rose self colored. Very compact. Pkt., 10c., 1/32 oz., 45c.
- u1438 Blue Bedder (12-18")—Dwarf free flowering. Pkt., 10c; 1/32 oz., 45c.
- u1442 Snow Queen (12-15")—Compact, pure Satiny White. Pkt., 10c; 1/32 oz., 45c.

Annual Phlox Drummondii (15'') *aksFKN*

Well-balanced plants, with large heads of bloom. Seed stocks limited again this year.

- u1452 Alba—Pure White
- u1458 Isabellina—Yellow
- u1454 Coccinea—Scarlet
- u1460 Violet—Purple
- u1456 Chamois Rose
- u1462 Mixed

Any of above, Pkt., 25c; 1/16 oz., 90c.

- u1464 Dwarf Phlox Mixed (Nana compacta) (6")—These make symmetrical bushes, covered with flowers during the whole summer and fall. Pkt., 25c; 1/16 oz., \$1.00.

Annual Poppies *aks*

- u1470 American Legion—Lovely, single, bright orange-scarlet, with maltese cross. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c.
- u1472 Shirley, All-Double Mixture—Re-selected all-double blooms with the full range of colors found in both old and new. Pkt., 10c; $\frac{1}{4}$ oz., 25c.
- u1474 Shirley, Single Mixed—Satiny flowers of various colors. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Portulaca (Moss Rose)

- u1480 P.-W.'s Large Flowering Single Mixed—Pkt., 10c; 1/32 oz., 40c.
- u1490 P.-W.'s Double Mixture—Pkt., 25c; 1/16 oz., 40c.

Ricinus (Castor Bean) (12'') *ajntHS*

- u1500 Zanzibariensis Mixed—The ornamental leaves beautifully lobed are $2\frac{1}{2}$ to 4 feet across. Each plant makes a perfect pyramid of foliage. Pkt., 5c; oz., 30c.

Salpiglossis (30'') *ajsCG*

Most attractive; should be in every garden. Each flower is veined with a glint of gold.

- u1504 Emperor Finest Mixed—Large improved strain, complete range of colors. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Salvia (Scarlet Sage) *aksDLP*

- u1520 America or Globe of Fire (18")—Not available.
- u1523 Zurich (24")—Rich glowing red. Pkt., 50c.

Scabiosa *ajrFL*

- u1530 Blue Moon (Imperial Giant)—Large, fully double blooms of deep lavender-blue produced on long, strong stems, making them good for cutting. Pkt., 10c; $\frac{1}{8}$ oz., 30c.
- u1540 P.-W.'s Giant Hybrids, Mixed—Includes all the new and rare colors. An unrivaled mixture. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

u1542 Scarlet Runner (8') *aktCHS*

A great favorite, not only as an ornamental climber, but for the delicious edible beans which succeed the spray of bright scarlet, pea-shaped blossoms. Oz., 10c; $\frac{1}{4}$ lb., 30c.

Schizanthus (15'') *aksCKN*

- u1546 Dr. Badger's Improved Giant Flowered Hybrids—Outstanding brilliant flowers, ranging in color from light pink to deep purple. Pkt., 25c; 1/32 oz., 50c.



Scabiosa Giant Hybrids

P.-W.'s SWEET PEAS

akorFGS

EARLY FLOWERING SPENCERS (72")

The new type is in great demand for forcing under glass and for outdoor culture, coming into flower five or six weeks earlier than the regular summer flowering type. If flowers are kept picked, will continue to bloom over a period of nearly four months.

u1550 **Bacchus**—Mammoth rich red maroon on long firm stems.

u1552 **Bridesmaid**—Deep silvery pink with stems unusually long.

u1554 **Eileen**—Rich begonia rose.

u1556 **Fragrance**—Large clear lavender, ruffled and fragrant.

u1558 **Hope Improved**—Mammoth flowers of pure white.

u1560 **Iris Blue**—A strong growing deep "Iris Blue."

u1562 **Mrs. Herbert Hoover**—Bright, clear blue; fragrant.

u1564 **Sequoia**—Enormous flowers of rich golden cerise.

u1566 **Sterling**—Large salmon rose on strong stems.

u1568 **Susanna**—Carmine Red.

u1570 **Treasure Island**—A sparkling golden orange; very large.

Price—Any of above: Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.50.

u1572 **P.-W.'s Early Flowering Spencer, Best Mixed**—The above and many other varieties properly blended for a harmonious color effect. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.00; lb., \$6.00.



Sweet Pea Hope Improved

SUMMER FLOWERING SPENCERS (72")

We offer the very choicest and most distinct varieties, each one in its respective color, and sure to give entire satisfaction.

u1580 **Bonnie Briar**—A sparkling rose pink of immense size.

u1582 **Capri**—Wonderful light blue.

u1584 **Flagship**—Brilliant, deep navy blue.

u1586 **Flamingo**—Rich orange scarlet cerise.

u1588 **Flora**—Clear deep lavender self.

u1590 **Golden Dragon**—Large, blended shades of bright orange and soft orange rose.

u1592 **Loch Lomond**—Mahogany.

u1594 **Maytime**—Rich golden cerise with large flowers and long stems.

u1596 **Patricia Unwin**—Rich golden salmon.

u1598 **Rubicund**—A crimson scarlet, vigorous in growth.

u1600 **Snow White**—Immense blooms of solid paper white.

u1602 **Sweet Afton**—Deep silvery pink, large flowered.

u1604 **Welcome**—A really magnificent dazzling scarlet.

u1606 **What Joy**—Cream.

u1608 **Windor Blue**—Large flowered and heavy stemmed. Clear mid-blue.

u1610 **P.-W.'s Giant Spencer Silver Gilt Medal, Mixed**—The finest assortment of Giant Spencers obtainable at any price. A formula mixture containing 75 named varieties, including the latest novelties.

Any of above—Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$3.75.

**SWEET PEAS INOCULATED WITH
NITRAGIN WILL GROW BETTER AND
BLOOM MORE PROLIFICALLY**

INOCULATE ALL LEGUME SEEDS WITH

NITRAGIN

r4031 Pkt. (enough for 8 lbs. of seed), 10c

Stocks *aksBHK*

- u1620 Improved Large Flowering 10-Week, Mixed (12")
—Most popular for garden flowers, and is also useful
for cutting. Fragrant. Pkt., 10c; 1/16 oz., 30c.

Colorful Verbenas *aksFGN*

- Giant Hybrids (12") *aksFHNS*—A magnificent strain of
Verbenas; robust, free blooming. It has more flowers
to each truss and the florets are large.

- u1642 Brightness—rosy cerise scarlet, white eye.
u1644 Brilliant—flame rose, white eye.
u1646 Pure White—just as the name implies.
u1648 Royale—royal blue, creamy yellow eye.
u1650 Spectrum Red—intense bright red.
u1652 Mixture of Giants—carefully blended.
Each of above, Pkt., 10c; 1/16 oz., 45c.

The Gorgeous Zinnia *akrsFHN*

Giant Double Dahlia—flowered (36")

The flowers often measure 4 inches in depth and 4-6 inches across and are
abundantly produced. They are most desirable of all the large double
Zinnias.

- u1680 Canary Bird—primrose yellow.
u1682 Crimson Monarch—flaming crimson.
u1684 Dream—deep lavender blue.
u1686 Exquisite—light rose with center deep rose.
u1690 Polar Bear—white.
u1692 Will Rogers—lovely brilliant scarlet red.
u1696 Giant Dahlia Flowered—gold medal mixed.
Price each of above—Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 55c.

Lilliput or Pompon

Many gardeners greatly enjoy the tiny miniature Zinnias which skilled plant
breeders are now giving us.

- u1700 Black Ruby u1708 Salmon Rose
u1702 Canary Yellow u1710 White Gem
u1704 Crimson Gem u1712 Choice Mixed
u1706 Lilac Gem
Each of above—Pkt., 10c; 1/8 oz., 35c.

Various Zinnias

- u1722 Haageana (Mexican Hybrids) (12") Very bushy,
free-flowering plants. The predominating colors are
yellow, orange, mahogany and red. Pkt. 10c; 1/8 oz.,
35c.
u1724 Howard's Giant Crested (36")—This aristocrat
of all crested Zinnias brings a higher degree of re-
finement to the Zinia family. Flowers 4-5 inches in
diameter with full, round, cushioned centers surrounded
by broad guard petals. This lovely new strain contains
all the shades of orange, scarlet, yellow, rose, and crim-
son. Pkt., 10c; 1/16 oz., 35c.

Flower Seed Mixtures

- u1730 Wild-Flower Mixture *ajsFHN*—A surprise col-
lection containing practically every annual in exis-
tence. Pkt., 5c; 1/4 oz 20c; oz., 50c.
u1740 Rock Garden Mixture *juFH*—All the dwarf
flowers, cultivated and wild, annual and perennial, that
are suitable for the rock-garden. Pkt., 10c.

Wallflower *ejusJA*

Deliciously fragrant half-hardy perennials. blooming
early in spring.

- u1670 Single Mixed—All colors. Pkt., 10c; 1/4 oz., 30c.

u1674 Wild Cucumber *ajHN*

Thirty feet. This is the quickest and easiest growing
climber on our list. Pkt., 10c; 1/2 oz., 20c; oz., 35c.



Giant Verbena



Howard's Giant Crested



Zinnia Dahlia Flowers

THE BEST PLANT FOR MIDSUMMER FLOWERS THEY GROW AND INCREASE YEAR AFTER YEAR

No Garden is Complete Without a Phlox Garden

Perennial phlox is the backbone of the summer garden. No other perennial affords as many rich and varied colors and blooms as abundantly during the so called "off season." There need be no more uncolorful seasons in your garden if you plant a few of these grand new phlox in prominent spots throughout the border. Deep, consistent moisture, fertile soil and a little shade in the afternoon are ideal for them.

r6926 CHARLES CURTIS

"Sunset red" probably comes nearest to describing this the most brilliant phlox in cultivation. Its color is outstanding and the large flower heads unusually clear and sparkling because of the fact that the florets do not discolor in the sun or fade with age.

r6939 PROGRESS

Extremely large flower heads with 1½ to 2 inch florets of a superb light blue accented with purple blue eyes. The color varies with the difference in climates and is particularly effective where cool damp nights prevail.

Either of these Superb Phlox 55c Each; 3 for \$1.50; 10 for \$4.75.

r6922 *Africa*—The flower heads are large and well shaped; composed of large brilliant carmine red florets, each with a blood red eye. Good strong stem and mildew resistant plant.

r6930 *Daily Sketch*—A compelling magnificent rose, drawing one in for a close up of its beauty. Immense flower heads of soft salmon pink florets with striking crimson eyes. An outstanding variety. 3 to 3½ feet tall.

r6934 *Leo Schlageter*—Its brilliant scarlet blooms with their decided orange cast give the effect of glowing fire.

Good habit, large full heads on 3 foot stems. An exceptional red.

r6938 *Lillian*—A very lovely pure salmon pink with delicately tinted blue eyes.

r6942 *Mrs. Jenkins*—(Independence.) Its vigorous growth and free flowering habit make it one of the best for mass planting. Pure white.

r6946 *Widar*—An unusual color effect is created by the rich violet-red hues and the contrasting eyes of clear white. A good grower 2½ feet tall with clean rich green foliage.

Any of above: 3 for \$1.10; 10, \$3.25.

PHLOX SUBLATA

(Moss or Mountain Pinks) (6") *djuxB*

r6950 *Atropurpurea*—Deep carmine red. Brilliant display.

r6952 *Blue Hill*—Compact growth, showy pale blue flowers.

Blooms spring and again in fall.

r6954 *Rosea*—Vigorous creeping mounds of bright rose.

r6956 *Vivid*—The plants are very dwarf and exceptionally neat in habit. Lovely miniature bright pink flowers.

Price: Any Subulata Phlox, 3 for \$1.15; 10, \$3.60.

Include extra for postage nad packing of all Phlox, 15c for 3; 40c for 10 plants.



A Phlox Garden—Inset, *Daily Sketch*

NEW ENGLISH CHRYSANTHEMUMS

The early English Chrysanthemums are a new race. They originated in England and were first imported to Western Canada, from there to the United States. They are equal in hardiness to the old garden Chrysanthemums and greatly exceed them in size and quality of bloom.

They do not have to be disbudded but if only 8 to 12 buds are left on a plant they will make especially lovely flowers and bloom one to two weeks earlier.

r6671 Indiana (30")—A rich velvety crimson shaded darker in the center and with slightly reflexed petals. Good disbudded or in sprays.

r6673 Mrs. Pattie—Terra cotta red with gold reverse. A large deep flower with incurved petals. The very earliest variety.

r6656 Sandy Richie—A very lovely and prized variety.

Any of the above English Chrysanthemums—3 for \$1.25; 10 for \$3.75. Postage and packing 15c for 3, 40c for 10.

The petals are deep crimson with shades of gold on the reverse. A strong plant that blooms in mid October.

r6658 White Lady—Without question White Lady is one of the finest white Chrysanthemums for the garden. It has shades of primrose in the center that lend a distinct richness to its character. The extra large flowers are of excellent form.

PROVEN FAVORITES

dksuDS

r6660 Caliph (36") Oct. 15—Medium sized flowers of deepest maroon-red; center petals slightly incurved.

r6664 Ember (36") Oct. 15—A brilliant glowing bronze combining shades of coral and orange. Very beautiful double flowers and the most hardy of our entire list.

r6666 Glory of Seven Oaks (24") Oct. 1—Bright golden yellow and fully double. The earliest yellow.

r6668 Golden Glow (36") Oct. 15—Beautiful fully double yellow blooms grow to 3 inches across without disbudding.

r6670 Jean Cummings (24") Oct. 1—This is the true early blooming variety with large flowers of pure white, tinted soft yellow at the center. The petals are artistically curled and the flowers keep well when cut.

r6672 Pohatcong (30") Oct. 10—Medium dwarf compact grower. Blooms profusely in a very pleasing shade of lavender.

r6674 Purple Glory (24")—Extremely early, beginning to bloom in early September. Its growth is fairly bushy, 18 to 24 inches tall, and covered continuously with brilliant purple medium sized flowers.

r6678 Symphony (36") Oct. 20—Shades of deepest rose with copper in a truly symphonic blend. Very desirable.

Price, all of above, 3 for 90c; 10 for \$2.85. Postage and packing, 15c for 3; 40c for 10.



Glory of Seven Oaks

CUSHION CHRYSANTHEMUMS

dksuDS

Plants in this popular group form low bushy mounds 12-15 inches across which are entirely covered with Azalea-like blooms two inches in diameter. They begin flowering in early September and continue until frost. We offer the four leading colors.

r6682 Bronze Cushion—Light buff bronze.

r6684 Rose Cushion—Rose-pink.

r6686 White Cushion—White, tinted pink when they first open.

r6688 Yellow Cushion—Clear bright yellow.

Price, all of above, 3 for \$1.00; 10 for \$3.00.

BUTTON OR POMPON CHRYSANTHEMUMS

dksuDS

This small flowered group is unusually effective in the garden, and the dainty flower clusters are particularly useful for table and room decoration. Plants grow 24 to 30 inches tall and bloom profusely.

r6690 Early Bronze—Sept. 25—Light bronze, flecked yellow.

r6692 Irene—October 15—White.

r6694 Jewel—October 15—Deep rose.

r6696 Judith Anderson—October 15—Yellow, shaded orange in center.

Price, all of above, 3 for 90c; 10 for \$2.85. Postage and packing, 15c for 3; 40c for 10.

CHRYSANTHEMUM MAXIMUM (Shasta Daisy)

r6698 Mount Shasta djsC (30")—The aristocrat among Shasta Daisies.

A beautiful pure white, with high crested, fully double flowers 3" across.

The sturdy, erect stems add to its remarkable character. Plants only,

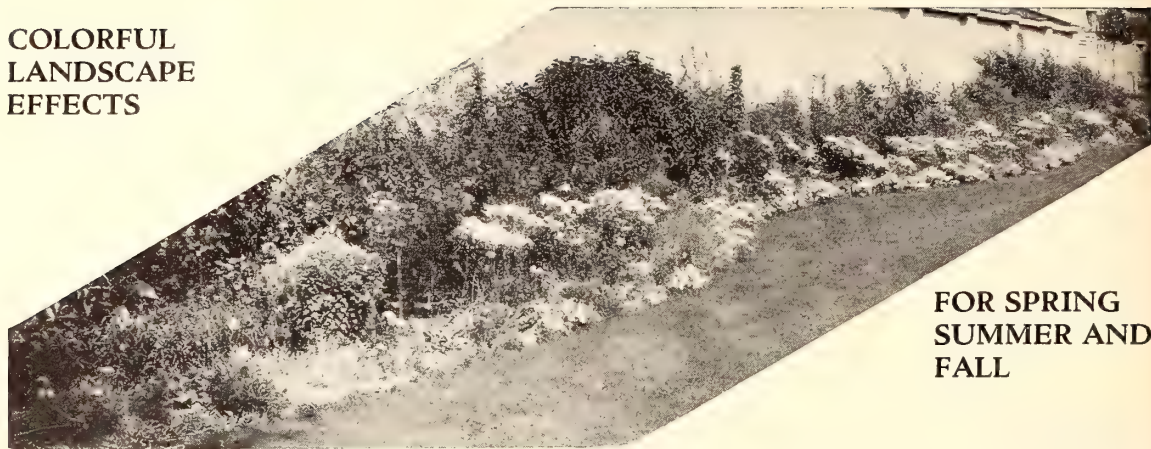
3 for \$1.50; 10 for \$4.50.

Postage and packing 15c for 3; 40c for 10.



Typical Button Mum

COLORFUL LANDSCAPE EFFECTS



FOR SPRING
SUMMER AND
FALL

FINE PERENNIALS THAT LIVE YEAR AFTER YEAR

Alyssum

t1800 Saxatile Compactum (Basket of Gold) ckmuAJU (12")—The brightest golden yellow spring rock garden flower. Pkt., 10c.

Aquilegia (Columbine) cisBJU

r6622 Crimson Star—An attractive novelty. The long spurs and very large sepals are velvety-crimson, the inner petals are white in contrast. Plants, 3 for \$1.00.
t1820 Scott Elliott's Long Spurred Hybrids (26")—A wonderful mixture. Pkt., 10c.
r6624 Plants, 3 for 90c; 10 for \$2.85.

Arabis (Rock Cress) (5") ejuxAJN

r6626 Alpina—Forms spreading tufts covered with sheets of pure white flowers. One of the earliest spring-flowering plants we have. Perfectly hardy and long-lived. Plants only, 3 for 70c; 10 for \$2.25.
r6628 Albida Rosea (True)—This lovely new Arabis is a gem in the rock garden or in the front of the hardy border. Especially fine in partial shade. 100% true rose pink making a fine-companion for the white variety. Plants only, 3 for 70c; 10 for \$2.25.

Aster Frikarti

r6634 Wonder of Staffa (30")—Rich lavender-blue flowers of 1½-2 inches across. Bushy habit of growth and a constant bloomer. Plants, 3 for \$1.15; 10 for \$3.50.



Arabis Albida Rosea

Aubrietia (4") cjuAJN

t1840 P.W.'s Monarch Mixture—A wide range of unusual colors provides a rich and glorious effect. Seed, Pkt., 25c.

r6646 Plants, 3 for 70c; 10 for \$2.25.

Bleeding Hearts djloBU

r7011 Spectabilis (Dicentra)—Its long racemes of graceful, heart-shaped pink flowers are always attractive. Is perfectly at home in any part of the hardy border. Strong roots, 90c each; 3 for \$2.40.

Campanula (Bellflower)

Calycanthemum bksBJU (24")—This is the old favorite cup and saucer Canterbury Bell, a flower worthy of perpetuation in every garden of today.

Seeds: t1870 White; t1872 Pink; t1874 Blue; and t1876 Mixed. Pkt., 10c.

r6708 Plants—*Mixed colors only.

r6712 *Glomerata Superba ckBJU (18")—Compact clusters of deep blue bell flowers are held closely around the erect and sturdy stems. (Plants only.)

r6716 *Persicifolia (Peach Bells) ckrBJU (30")—A noble plant for the middle of the hardy border. Large, bright blue flowers neatly arranged around their straight stems which rise from low mounds of peach-like foliage. (Plants only.)

*Plants, 3 for 70c; 10 for \$2.25.

Columbine

(See Aquilegia)

Coreopsis (24") cjrFJN

t1900 Sunburst—Highly prized in cut flower decorations for their long graceful stems and exceptionally long keeping quality. One of the few perennials that will bloom continuously when the flowers are kept cut. Pkt., 10c.

r6718 Plants, 3 for 70c; 10 for \$2.25.

Delphinium (72'') *cjtBJS*

Pacific Giant Hybrids—Since the introduction of this superb class of Delphiniums it has become everyone's favorite. The huge florets 2½" and more in diameter are practically 100% double. Our seed stock comes directly from the originator and our plants are grown from especially selected strains.

t1910 Black Knight Series—Dark Blue

t1916 Galahad Series—White

t1920 Summer Skies—Clear Blue

t1914 Round Table Series—Many different crosses and blends are included in this mixture.

Seed: Pkt., 50c; 1/32 oz., \$1.00.

Delphinium Plants

r6720 Black Knight Series

r6728 Galahad Series

r6724 Round Table Series

r6726 Summer Skies Series

3 for \$1.10; 10 for \$3.35.

Dianthus *cjuB*

r6740 OLD SPICE (Plant Pat. No. 499)—Old Spice is a choice hybrid of the old-fashioned Garden Pink. It is as hardy as an oak and grows in a neat cushion-like form, bearing prolifically its spicy carnation scented blossoms of rich salmon pink. Plants, 60c each; 3 for \$1.50; Doz., \$5.00.

Digitalis (Foxglove) (48'') *bosBJN*

t1950 Gloxiniaeflora Mixed—For stately and picturesque beauty, these are not to be surpassed. The long tubular, spotted flowers hang in a mass on spikes 2'-3' long. Mixture includes purple, rose, yellow and white. Pkt., 10c.

r6748 Plants. 3 for 70c; 10 for \$2.25.

Hemerocalis (40'') *djsC*

r6760 Hyperion—Largest yellow day lily. Plants, 75c each; 3 for \$2.00.

Hollyhocks (72'') *cktBJN*

t1994 Double Mixed. Seed, Pkt., 10c.

Bearded Iris

The bearded Iris are usually planted from June through September. If planted in the Spring they cannot be expected to bloom the first year. However, Iris orders received in the spring will be promptly filled if varieties are available. Others will be filled at proper planting time.

White

r6800 Gudrun—White dusted gold\$.30 ea.
r6802 Snowking—Pure white35 "

Plicatas

r6804 Tiffany—Yellow, veined old rose\$.60 "
r6806 Wasatch—White, blue veining30 "

Light & Medium Blue

r6810 Beuchleys Giant—Bicolor, tall\$.35 "
r6812 El Capitan—Lavender blue30 "
r6814 Great Lakes—Light and clear 1.75 "
r6816 Missouri—Rich blue50 "
r6818 Shining Waters—Clear blue40 "

Amoena & Variegata

p6820 City of Lincoln—Red and yellow\$1.50 "
r6822 Wabash—Violet and white 1.00 "

Pink

r6828 China Maid—Best pink 1.00 "
r6830 Frieda Mohr—Lilac pink25 "
r6832 Lighthouse—Pink effect60 "



Pacific Hybrid Delphiniums

Red Tones

r6838 Dauntless—Glowing red30 ea.
r6840 Joycette—A deep red35 "
n6842 The Red Douglas Sold out

Mauve

r6846 Ormohr—Silvery violet 1.50 ea.
r6848 Wm. Mohr—Veined violet35 "

Bronze

r6850 Depute Nombplot—Bronzed purple30 ea.

Yellow

r6852 Golden Treasure—Cream and gold50 ea.
r6854 Happy Days—Deep yellow30 "
r6856 Naranja—Shaded orange30 "
r6858 Treasure Island—Rich gold50 "

Fall Blooming Iris

This interesting class blooms twice a year. Plant them in July for best results.

r6862 Autumn Queen (18'') — White. .25c each; 3 for 60c.

Dwarf Pumila Iris (10'')

r6872 White r6876 Violet blue r6880 Yellow
3 for 50c; 10 for \$1.45.

Siberian Iris (36'') *djklrsBN*

An established clump often produces fifty or more flowering stalks. Grows long, thin, tubular stems with ornamental grass-like foliage.

r6892 Kingfisher Blue 54"—A tall stately plant with fine large bright blue flowers

r6894 Peggy Perry 32". Early. Dainty ruffled rich violet blue with a white center.

r6898 Snow Queen 36"—An exquisite iris of snowy whiteness and firm wax-like texture. The flowers are large, well formed and produced in great abundance.

Price: Any of Siberian Iris, 3 for 85c; 10 for \$2.70.

Lily-of-the-Valley

r7013 American Pips (for outside planting only) — Extra strong. Pips, 25 for \$1.50; 100 for \$5.50; 250 for \$8.75.

Lupinus

t2020 Russell Strain cjsCM (36")—Long, well-rounded symmetrical flower spikes of striking beauty. The color range is enormous and unique in character. Gold Medal, Royal Horticulture Soc., 1937. Seed only. Pkt., 25c.

Pentstemon (24") dksBJU

r6912 Garnet—This outstanding novelty produces many long spikes completely covered with rich, garnet-red blossoms. Very desirable. Plants only, 3 for \$1.10; 10 for \$3.35.

Iceland Poppies cjsFJU

t2050 Sanford's Giants Mixed. This new strain of Iceland Poppies, we believe, is the finest obtainable. Great care in selection and reselection has produced a wonderful color balance, immense flowers and greater length of stems. Seed only. Pkt., 25c.

Primula (Polyanthus) (8") cluAMS

t2060 Giant Munstead Strain — A wonderful improved strain of English polyanthus bearing giant flowers in many new and desirable colors. Pkt. 50c.
r6960 Primula Plants, 3 for 90c; 10 for \$2.85.

Pyrethrum (Painted Daisy) (24") cjrBJ

t2070 Roseum Single and Double Mixed—An excellent variety of colors. 15% to 25% of the plants produce double flowers. Seed—Pkt., 25c.

Shasta Daisy

See *Chrysanthemum Maximum*—page 31.

Sweet William (*Dianthus Barbatus*)

(18") ejsBJN

t2150 Single Giant-flowered Mixed—Pkt., 10c.
t2160 Double Giant-flowered Mixed—Pkt., 15c.
t2170 Newport Pink—Large single flowers. Pkt., 15c.
t2180 Scarlet Beauty—Large single. Pkt., 15c.
r6976 Sweet William Plants—Single and double Giants Mixed. 3 for 70c; 10 for \$2.25.

Teucrium (12") cjpunW

r6984 Chamaedrys — Dense bushy plants with glossy evergreen foliage resembling dwarf boxwood; may be used in place of boxwood where the latter is not hardy. Can be clipped to suit any height up to 12 in. Plants only, 3 for 90c; 10 for \$2.85.

Vinca djqxBN

r6992 Minor (Grave Myrtle) (4")—Glossy evergreen foliage forms a dense carpet sprinkled with blue flowers.
r6994 Major (10")—This variety has larger leaves and is more erect than Minor. Plants only, either of above, 3 for 60c; 10 for \$1.75; 100 for \$16.00.

Violet

r6996 Odorata (Sweet Violet) (6") cjlqxAJ — The popular, well-known violet. Large, simple, deep violet-blue flowers of exceedingly rich fragrance. (Seed not available this season.) Plants 3 for 60c; 10 for \$1.75.

PEONIES

PEONIES LIVE FOR YEARS AND NEVER FAIL TO BLOOM



The figure following the variety name indicates the relative rating of perfection, the highest possible being 10.

Peonies are quoted f.o.b. Salt Lake City. If by mail add 8c per plant or 50c per 10, extra for packing and postage.

WHITE

r7015 Festiva Maxima—9.3. Early. Large, vigorous, and floriferous. The best known white. 80c each; 3, \$2.15.

DEEP PINK

r7029 Edulis Superba—7.6. Early The famous Decoration Day Peony. Flower is large, deep pink, very fragrant. 70c each; 3, \$1.90.

RED

r7043 Grover Cleveland — 8.2. Late. Large, bright-crimson blooms; full. One of the most popular reds. \$1.00 each; 3, \$2.70.

P.-W.'s HARDY WATER PLANTS

"Water Plants Just Grow"

Plant from Late Spring until August

Because of the perishable nature of water plants and snails, particularly during hot weather, plants will be dug only once each week and all orders for this merchandise will be grouped for shipment on the same day. This method will insure our patrons of freshly dug plants and delivery in the best possible condition.

Water plants are quoted f.o.b. Salt Lake City. Orders for water lilies requesting shipment by mail must include 12c each; 60c per 10 for packing and postage. For shallow water plants add 5c each; 25c for 10.

WATER LILIES

s8000 Attraction—The petals are garnet red, with almost white sepals. One of the choicest of all water lilies. Flowers unusually large, sometimes 8 inches. One of the longest blooming hardy lilies. \$2.75 each.

r8001 Comanche—Unique among the hardy lilies in that it proudly upholds itself well above the water surface. Flower opens rich apricot and then changes to a deep coppery bronze. You will be delighted with this one. \$2.50 each.

r8002 Chromatella (Yellow)—Perhaps the most popular of all. Sulphur yellow in color with broad curving petals. Blooms throughout the spring and summer months. Leaves are handsomely spotted with maroon. Vigorous, very hardy. Special featured, \$1.25.

r8004 Conqueror—Large flowers, 8 inches in diameter, in a beautiful shade of cherry red which deepens with age. The sepals are white and the stamens are orange yellow. It is one of the showiest lilies and blooms continuously during the spring and summer. \$2.00 each.

r8005 Gloriosa—A lily that is so exceedingly glorious that we recommend it as the basis of every collection. Gloriosa, without doubt, sets a standard among hardy lilies and beautiful flowers. Its blossom is a truly remarkable red, often 6 to 7 inches across, perfect in form, rather double and has the perfume of apple blossoms. Its characteristic small leaf-spread and large blossoms make it an ideal plant for tub culture. \$3.00 each.

r8006 Marliac Pink—Pale, pink flowers of unusual size and abundantly borne throughout the entire season. One of the most popular pinks. A good strong grower, one of the best for the amateur. \$2.00 each.

r8008 Marliac White—Snowy white petals with bright yellow stamens. The fragrant blossoms are five to six inches in diameter. Sepals are tinted with pink. In bloom continually. \$2.00 each.

r8010 Pink Opal—An attractive deep pink, a medium size flower. It is one of the finest pink lilies for cut flower purposes. The buds are nearly round. When open, the petals are short, and the flower stands well above the water. (Comparatively slow growing.) \$2.00 each.



A Garden with a Lily Pool

s8040 SACRED LOTUS (4-6')

Throughout America the Lotus grows luxuriantly and is perfectly hardy. This queen of aquatic flowers with its stately beauty thrives abundantly during our warm summer months, sending up its great shield-shaped leaves sometimes to a height of 6 feet. The gigantic blossoms, almost a foot across, overtop the leaves. They require the same general treatment as water lilies. They like to be started in from 4 to 6 inches of water, but after they take hold will thrive in even 1 foot. \$2.75 each.

SHALLOW WATER PLANTS

Naturalize the Shallow Edges of the Pool

s8014 Anacharis—A dark green underwater foliage plant that produces the necessary oxygen to maintain balance for fish and snails. Especially fine for spawning fish. Bunch 25c.

s8016 Arrowhead—Leaves arrow-shaped. Plant bears large spikes of pure white flowers, about 2 feet tall. Plant in soil under water. 25c each.

s8018 Parrot Feather—Green shoots trailing over the water, forms soft airy masses about the base of taller plants. One of the best for planting in fountain basins or along the rocks in pools. 25c bunch.

Scavengers for Pools

All aquariums and pools need scavengers—fish to feed upon the insects, snails to devour algae and green scum. In all well-balanced pools goldfish and snails should be kept.

r8022 Trapdoor Snails (large)—They do not lay eggs, but bring forth young fully developed. 2 for 25c.

n8024 Paper Shell Snails—Medium size, prolific egg layers, and very active scavengers. 15c a pair, 60c a dozen.

Free Extras

For the complete Water Garden.
Sent with your water plant order.

FREE with \$5.00 Order—2 Trapdoor Snails and one Arrowhead plant.

FREE with \$10.00 Order—1 Chromatella water lily plant.

SUMMER FLOWERING BULBS

Numerals in () indicate approximate eight at maturity in inches (") or feet (').

n8508 Anemone (St. Brigid Strain) (6"-12") eorsS

These lovely poppy-like flowers are exceedingly brilliant when in flower and excellent for cutting. The flowers range from single to fullest double, in white, crimson, cobalt blue, lavender, heliotrope, rose, pink, or salmon. The season for planting outdoors is early spring. Spring plantings bloom in summer. Culture same as *Ranunculus*. Bulbs, 10 for 90c; 25 for \$2.00; 100 for \$7.50.

BEGONIAS, Tuberous Rooted (4"-6") fls

(See front cover for color illustration)

Few plants can equal these for garden show in brilliancy of color, duration, and perfection of bloom. The ideal situation is in a filtered sunlight where there is plenty of fresh air, protected from strong winds, as on the north side of buildings where they receive sunlight a portion of the day.

For best results, the tubers should be started indoors in January or February. Plant first in moist sand, and after they are well sprouted, put them in 4 in. pots in good, rich soil (about one-third Peat or leaf-mold, one-third well-rotted manure, and one-third good, sandy loam.)

After frost danger is over, plant outdoors, spacing plants about 12 inches apart each way.

Dormant Bulbs

Double Giant Camellia Flowered—

u8514 Pink u8512 Yellow u8518 Red u8510 White

u8516 Salmon n8519 Mixed u8513 Orange

Double Fimbriata Flowered—

u8520 White u8522 Yellow u8524 Pink

u8526 Salmon u8528 Red u8529 Mixed

Giant Singles—

u8530 White u8532 Yellow u8534 Pink

u8536 Salmon u8538 Red u8539 Mixed

In all of above three classes we offer dormant bulbs (available Feb. 1st to March 15th. 1¼"-1½", 3 for 90c; 10 for \$2.25; 25 for \$5.00.

Plants From Pots

For transplanting in open ground May to July

Double Giant Camelia—

6300 White; 6301 Yellow; 6302 Orange; 6304 Pink;

6305 Salmon; 6306 Red; 6307 Mixed.

Double Fimbriata—

6310 White; 6311 Yellow; 6312 Pink; 6313 Salmon;

6314 Red; 6315 Mixed.

Giant Single Fringed—

6316 White; 6317 Yellow; 6318 Pink; 6319 Salmon;

6320 Red; 6321 Mixed.

Any of above:

3 for \$1.50; 10 for \$4.00; 25 for \$9.50.

If by mail add 15c for 3 or 40c per 10 extra for packing postage.

Front Cover Special Collection Offers Colorful Tuberous Rooted Begonias

(See Cover Page)

OFFER s636

Consists of 3 large bulbs each of the following:

8522 Double Frimbriata Fl. Yellow

8534 Single Fringed Pink

8516 Double Camelia Fl. Salmon

8513 Double Camelia Fl. Orange

8518 Double Camelia Fl. Red

(15 bulbs in all)—\$3.00

(Available Feb. 1—March 15th)

OFFER s636-A

Three plants each of the five varieties illustrated in color on the Front Cover.

(15 fine plants in all)—\$5.00

If by mail add 60c extra for packing and postage.

(Available May to July)

n8542 Cinnamon Vine djiV

A beautiful, rapid-growing summer climber, with spikes of deliciously cinnamon scented, white flowers. Price 3 for 35c; 10 for \$1.00; 25 for \$2.00.

Cannas (4') fksCN

n8552 King Humbert—Scarlet flowers, bronze foliage. Large flowers freely produced, and handsome, broad tropical foliage.

n8554 The President—A rich glowing scarlet with immense rounded flowers, seven inches across, produced on strong stalks well above the heavy foliage. Free bloomer.

n8556 Orange Humbert—A vigorous grower. Rich orange.

n8558 Yellow King Humbert—Foliage a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red; measuring 5 to 7 inches across, individual petals 3 to 3½ inches in diameter.

Price of Cannas listed above:

Dormant 2-3 Eye Roots—Available Feb. to April. 3 for 50c; 10 for \$1.50; \$12.50 per 100. Postage extra.

(Use both name and numbers in ordering)

Strong pot-grown plants. Available April 20 thru June.

n6325 King Humbert

n6326 The President

n6327 Yellow King Humbert n6328 Orange Humbert

3 for \$1.00; 10 for \$3.00; \$25.00 per 100. Express shipments recommended. If by mail add 20c for 3 or 50c per 10 for packing and postage.

Madeira Vine fjtCN

n8562 Climbing Mignonette—A vine which will cover a large space in a short time. Fleshy heart-shaped leaves, and racemes of feathery fragrant flowers. Price 3 for 35c; 10 for \$1.00; 25 for \$2.00.

n8566 Montbretias Giant Mixed (24"-30")

fksCH

These lovely flowers add beauty to any garden. The blooms are larger and the flower stems are very fine for cutting. The mixture contains many bright shades of yellow, salmon, scarlet and orange. Handle like *Gladiolus* and they will multiply rapidly. Price, 3 for 40c; 10 for \$1.15; 100 for \$9.50.

n8568 Ranunculus (Buttercup) ejorsN

A wonderful range of colors. Culture: Best germination is acquired by placing tubers in a flat of sand, cover about one inch and keep moist. Place in a cool room for about one week or until sprouted, then plant outdoors when the soil becomes warm, placing the claws downward. They thrive in a drained sand loam. A small amount of peat moss or rotted compost should be worked into the soil to a depth of six inches, if needed. Before planting, the bed should be thoroughly watered. Cover the bulbs 2" and set 4-6" apart. Water sparingly until plants are well established, then they can use an abundance of water. Price, 10 for 90c; 25 for \$2.00; 100 for \$7.50.

n8570 Trigridia (Shellflower of Mexico) fhrsN

Few flowers are more gorgeously colored or so beautiful. Plant in sunny position in a flower border in well-drained soil. Blooms from middle of July to September. Culture: Space large bulbs six to seven inches apart and five inches deep. They require average moisture, but can use lots of moisture during blooming season. Bulbs should be dug in fall and stored in damp sand throughout winter. Price—Mixed colors: 3 for 50c; 10 for \$1.50; 100 for \$12.50.

GORGEOUS DAHLIAS

CONTINUOUS BLOOM FROM SUMMER UNTIL FROST

Large Exhibition Class

RED

r8610 **American Triumph** (C)—Unusual form. Spiky incurved petals in a bright shade of oriental red. 75c each; 3 for \$2.10.

r8614 **Clara Clemens** (Ball)—Deep rich red tipped with white. A favorite with the florists. 60c each; 3 for \$1.65

r8618 **Eleanor Francis** (ID)—A vigorous plant producing many large long-stemmed flowers of bright vermilion red. Excellent cut flower. 75c each; 3 for \$2.10.

WHITE

r8676 **Salbachs White** (FD)—Full deep medium size white flowers with good stems. A profuse bloomer and one of the best whites for all purposes. 50c each; 3 for \$1.40.

YELLOW AND YELLOW BLENDS

r8646 **Gold Comissioner** (FD)—A majestic flower of purest gold. 50c each; 3 for \$1.40.

r8648 **Miss Glory** (SC)—The flowers of luscious apricot yellow are perfect in form and massive in size. Its profuse blooming and perfect stems also are among the qualifications that class Miss Glory with the best Dahlias grown. 65c each; 3 for \$1.75.

Miniature Class

The Miniature Dahlias bloom more freely than the large exhibition class. Because they require less staking, tying and disbudding, they are easier to grow. Their dainty 2 to 4 inch blooms are unexcelled for cut flowers.

r8680 **Chemars Unusual** (C)—Sparkling pink with white center. 50c each; 3 for \$1.40.

r8682 **Little Darling** (C)—Dainty peach pink shading to white. Perfectly formed and a favorite for cutting. 75c each; 3 for \$2.10.

r8684 **Mah Baby** (Ball)—Very dark maroon. 50c each; 3 for \$1.40.

r8688 **Sylvia** (FD)—Crisp radiating petals of rich glowing red. 50c each; 3 for \$1.40.



A Group of Pompon Dahlias

Prices on all Dahlias are quoted f.o.b. Salt Lake City. If shipment is requested by mail add 3c each or 12c per 5 for packing and postage. See "Transportation" on page 3.

ORANGE AND BRONZE

r8652 **Chas. Mastick** (FD)—Bright orange yellow shading to grenadine pink on the reverse. A heavy bloomer and an excellent cut flower. (See illustration on page 42.) 60c each; 3 for \$1.65.

p8654 **Freda Monich** (ID)—A color that is different in dahlias, startling, intense mahogany bronze. A color novelty—a garden prize. \$1.25 each; 3 for \$3.45.

BLUE

r8658 **Blue River** (FD)—Large, and a profuse bloomer. As near to blue as we have in a dahlia. 75c each; 3 for \$2.10.

LAVENDER AND PURPLE

r8664 **Century of Progress** (ID)—Large, rich velvety purple flowers on long stems are wonderful in bouquets. 50c each; 3 for \$1.40.

r8668 **Washington Giant** (D)—Truly a giant. Pure lavender blended silver with long stiff stems. 60c each; 3 for \$1.60.

PINK

r8638 **Marshall's Pink** (FD)—A soft mellow pink that rivals the popularity of the famous Jersey Beauty. (See color illustration on page 42.) 50 each; 3 for \$1.40.

r8626 **Rose Glory** (FD)—Deep rose with excellent form, very profuse bloomer, each 40c; 3 for \$1.10.

r8632 **San Francisco** (D)—Large twelve inch blooms in a gorgeous shrimp pink. One of the best for garden flowers. \$1.00 each; 3 for \$2.75.

Pompon Class

These are ball type Dahlias with compact 1 to 2 inch flowers on strong stems. The plants average 3½ feet tall and bloom very profusely.

r8692 **Alice** — Bright vivid red. 40c each; 3 for \$1.10.

r8696 **Iolantha**—Copper orange, fine for cutting. 35c each; 3 for 95c.

r8698 **Joe Fette**—Best pure white. 30c each; 3 for 80c.

r8694 **Yellow Gem** — Free blooming, attractive creamy yellow. 50c each; 3 for \$1.40.

HARDY LILIES

Lily Bulbs Should Be Planted Early

p7105 **Formosanum**—(2-3') Pure white with an emerald green throat. August and September 3 for \$1.15; 10, \$3.25.

p7108 **Henryii**—(8-10') Bright apricot yellow. August and September. Plant 9 inches deep. 65c each; 3 for 1.80; 10 for \$5.00.

p7115 **Pardalinum Giganteum** (Western Sunset Lily)—(5-6'). Red recurving petals, spotted purplish brown with a golden center 65c each; 3 for \$1.80; 10 for \$5.00.

p7120 **Tiger Lily** (2-4')—The flowers are orange, spotted purple. August. Plant bulbs 9 inches deep. 3 for \$1.45; 10 for \$4.10.

p7125 **Umbellatum Erectum** (2-3')—Rich orange shade, flushed red, spotted black. Blooms in June-July; plant rather close together, about five inches deep. 65c each; 3 for \$1.80.

GLADIOLI

The Most Popular Exhibition and Cut Flower Varieties

SUPER 8 GLADIOLI THE FINEST varieties OF THE FINEST colors

SURFSIDE—BARCAROLE

BEACON—GOLDEN CHIMES

PEGGY LOU—OLD GLORY—KING LEAR—CHIEF MULTNOMAH

SPECIAL NO. 638

5 CORMS OF EACH

40 Large Corms Only **\$3.60**

For Packing and Postage Add 12c

WHITE

r8716 Margaret Beaton—One of the most beautiful, and winner of many prizes. Pure snow white with small red blotch in throat. 3 for 40c; 10, \$1.00; 100, \$8.75.

r8720 Myrna—A beautifully ruffled creamy white that has won many prizes. Opens as many as ten perfectly placed florets. 3 for 48c; 10, \$1.25; 100, \$11.25.

r8724 Surfside—New spectacular crystal white. 3 for 55c; 10, \$1.45; 100, \$12.50.

CREAM

r8726 Shirley Temple—Midseason. Excellent spikes of the softest, yet richest deep cream. Flowers, ruffled and very large. 3 for 35c; 10, 95c; 100, \$8.00.

BUFF and ORANGE

r8732 BARCAROLE—An unusual but most exquisite clear clean shade of orange. A gorgeous new variety that must be seen to be appreciated. 3 for 40c; 10, \$1.10; 100, \$9.25.

YELLOW

r8736 Golden Chimes—Clear light yellow and very beautifully ruffled. 3 for 35c; 10, 90c; 100, \$7.50.

r8724 OREGON GOLD

A superb novelty in the light yellow class. Large attractive florets on long straight slender stems. Opens 6 to 8 blooms at one time. Grows exceptionally well and is a gem for cut flowers 3 for \$1.40; 10, \$3.85; 100, \$35.00.

SALMON PINK

r8744 Aladdin—Early—Immense ruffled salmon pink with cream blotch. Strong grower. 3 for 43c; 10, \$1.15; 100, \$9.25.

r8748 Picardy—Midseason—A clear, soft, shrimp-pink. A "must have." 3 for 41c; 10, \$1.10; 100, \$9.00.

LIGHT and DARK PINK

r8746 Corona—Picotee pink on a flesh ground color. 3 for 52c; 10, \$1.40; 100, \$12.00.

r8750 New Era—Eosine pink blended with LaFrance pink, soft cream throat. Extremely ruffled. Ten open florets. 3 for 47c; 10, \$1.25; 100, \$11.25.

r8754 Peggy Lou—A champion in clear geranium pink. 3 for 35c; 10, 95c; 100, \$8.00.

r8758 Schwabengirl—Early, medium height and very prolific, holding open 6 to 8 large florets of true shell pink. (See color page opposite.) 3 for 35c; 10, 90c; 100, \$7.50.

ROSE

r8710 Chamouny—A new very distinct and graceful, clear rich rose. 3 for 45c; 10, \$1.20; 100, \$10.00.

SCARLET and RED

r8760 ALGONQUIN—A brilliant glowing scarlet of velvety substance with an unusual distinction of character. 3 for 60c; 10, \$1.60; 100, \$14.00.

r8764 Beacon—Med. Early—Clear bright rose-scarlet with large cream blotch. 3 for 35c; 10, 95c; 100, \$8.00.

r8772 OLD GLORY—A very large and showy deep scarlet red. The florets often measure 6 inches across. 3 for 45c; 10, \$1.20; 100, \$10.50.

r8768 RED LIGHTNING—A new very striking combination of bright red and cream. 3 for 48c; 10, \$1.25; 100, \$11.25.

r8770 Stoplight—The latest advancement in the fine red class. Has all the requirements of a perfect cut flower gladiolus. 3 for 60c; 10, \$1.60; 100, \$14.00.

DARK RED

r8774 Black Opal—Fine long spikes of very rich dark red. 3 for 45c; 10, \$1.20; 100, \$10.00.

r8776 Moorish King—Midseason—Very dark mahogany maroon. 3 for 35c; 10, 90c; 100, \$7.00.

r8778 Rewi Fallu—Dark carmine red shading to orange red. 3 for 45c; 10, \$1.20; 100, \$10.50.

LAVENDER

r8780 Minuet Midseason—Considered one of the best lavenders in existence. 3 for 36c; 10, 95c; 100, \$8.00.

LIGHT VIOLET

r8784 Blue Beauty—Early Midseason—The best light blue. (See color page opposite.) 3 for 40c; 10, \$1.05; 100, \$8.75.

REDDISH PURPLE

r8788 King Lear—Big ruffled velvety reddish purple, with 5-6 blooms open at one time. 3 for 45c; 10, \$1.20; 100, \$10.00.

SMOKIES

r8792 Chief Multnomah—Subdued shades of copper, rose and brown. 3 for 42c; 10, \$1.10; 100, \$9.25.

r8794 Recado—Color rosy ash with rose salmon veins and darker blotch in the throat. 3 for 40c; 10, \$1.00; 100, \$8.75.

r8798 P.-W.'s SUPERB MIXED

Our special mixture well blended from the best named types. 3 for 28c; 10, 75; 100, \$6.25.

GLADIOLI

UNPARALLELED COLOR . . . ELEGANCE . . . SYMMETRY



r 8784 **BLUE BEAUTY** (above)
3 for 40c; 10, \$1.05; 100, \$8.75

GLADIOLI "BRIGHT SPOT"

IN THE BULB FLOWER WORLD

r 8758 (left) **SCHWABENGIRL**
Plenty of tall straight spikes.
3 for 35c; 10, 90c; 100, \$7.50.

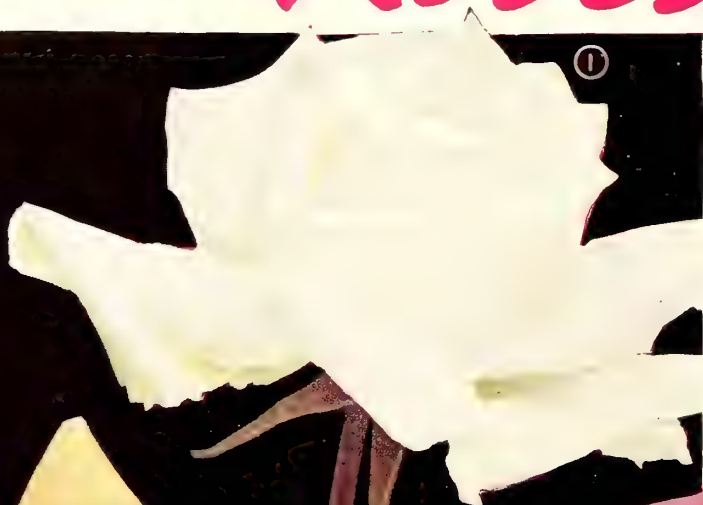
THE "TOP OF THE LADDER"

EVERBLOOMING
HYBRID TEA

Roses



6



①



②



③



④



⑤



No.	Code No.	VARIETY
1	r 8886	McGredy's Ivory
2	r 8858	Soeur Therese
3	r 8876	Pink Dawn
4	r 8812	Grenoble
5	r 8836	Duquessa de Penaranda
6	r 8844	Mme. Jos. Perraud
7	r 8856	Mrs. E. P. Thom
8	r 8878	The Doctor
9	r 8846	Pres. Hoover
10	r 8806	Christopher Stone

REGULAR PRICE, EACH \$1.00

Special No. 641

10 "TOP RUNG" ROSES

ONE EACH OF THESE
Irresistable Ever Bloomers

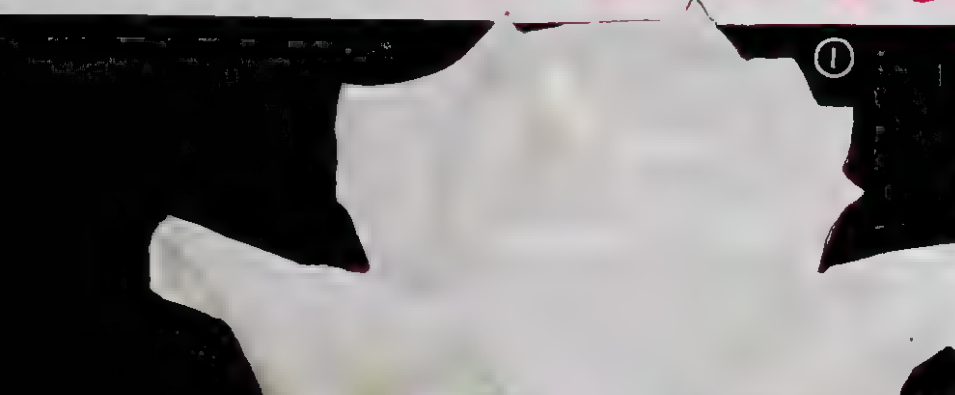
ONLY \$8.00

Postage and Packaging 30c extra

THE "TOP OF THE LADDER"

EVERBLOOMING
HYBRID TEA

Roses



No.	Code No.	VARIETY
1	r 8886	McGredy's Ivory
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REGULAR PRICE, EACH \$1.00

Special No. 641

10 "TOP RUNG"
ROSES

ONE EACH OF THESE
Irresistible Ever Bloomers

ONLY \$8.00

Postage and Packaging 30c extra



r 8638 **MARSHALL'S PINK** (FD)
Beautiful soft mellow pink. 50c each; 3 for \$1.40.



(Left)
r 8652 **CHAS. L. MASTICK** (FD)

This heavy blooming large, flowered Dahlia is excellent either as a garden or cut flower.

60c each; 3 for \$1.65.

SPECIAL No. 642

PLANT A CHARMING DAHLIA GARDEN

- 1 San Francisco
- 1 Eleanor Francis
- 1 Miss Glory
- 1 Blue River
- 1 Salbachs White
- 1 Chas. L. Mastick

SIX PLUMP TUBERS

Special Price \$3.25

Postage and Packing extra, 15c.



Peace (1946 AARS Winner)

NOVELTY ROSES

n8894 **Anzac** (Plant Patent No. 636)—A vigorous and dependable bush that produces buds of coral and gold which unfold into very double Camelia-like flowers, the colors softening to rosy lake with yellow base. \$1.50 each.

n8898 **Charlotte Armstrong** (Pat. No. 455)—AARS. The magnificent long-stemmed flowers are spectrum red in the cooler seasons and cerise red during the summer heat. They open slowly and retain their beauty a long time. \$1.50 each; 3 for \$3.75.

n8906 **Douglas MacArthur** (Pat. No. 581)—Strong, healthy bushes sending up numerous shoots clothed with dark green foliage. Long tulip-shaped buds open slowly into glorious flowers of rose, gold and salmon. A flower of real beauty. \$1.50 each.

n8914 **Hearts Desire** (Pat. No. 501) AARS—A truly red rose with long pointed buds. The large petals unfold slowly, revealing their fine substance, and lasting for a long time. Its fragrance, form, and strong vigorous growth have made it a leader in the rose world. \$1.50 each.

n8916 **Horace McFarland** (Plant Pat. applied for) AARS—The large distinctive blooms of Horace McFarland, ranging from deep glowing apricot-pink through salmon-buff to coral-pink, open from long gracefully formed buds. The plant is healthy and has large dark green leathery foliage. \$2.00 each.

n8918 **Katherine T. Marshall** (Pat. No. 607)—A satiny deep coral pink with petal bases of gold, equally beautiful in the garden or indoors under artificial light. Its large petalled, double flowers of good substance and moderate perfume together with strong, erect canes and dark green leathery foliage make it a truly delightful rose. \$2.00 each.

n8922 **Lowell Thomas** (Pat. No. 595)—A colorful butter-yellow that does not fade. The pointed buds unfold to large open flowers with an alluring perfume. Its growth is strong and vigorous, its dark green leaves giving it a luxuriant appearance. \$2.00 each.

Roses

THE ALL AMERICA ROSE
SELECTION WINNERS AND
OTHER PATENTED
VARIETIES

DISTINCTIVE

DELIGHTFUL

DEPENDABLE

Peace

Iridescent Cream

(1946 AARS WINNER)

Mme. Chiang Kai-Shek

Lovely Lemon Yellow

Charlotte Armstrong

Long-Stemmed Spectrum Red

Special No. 643

The De-Luxe Rose Trio

All Three For only \$4.75

Postage and Packing Extra 20c



Mme. Chiang-kai-Shek

NOVELTY ROSES

- n8934 **Mirandy** (Pat. No. 632)—AARS A plant of tall vigorous habit, freely producing its glorious buds which open into large very double blooms of rich maroon red with penetrating fragrance. \$2.00 each.
- n8938 **Mme. Kiang Kai-Shek** (Pat. No. 664)—AARS Well shaped, long tapering buds of clear lemon yellow. The bush has a strong upright habit of growth and glossy disease-resistant foliage. \$2.00 each.
- n8930 **Mme. Cochet-Cochet** (Pat. No. 129)—Fragrant, cupped flowers of soft salmon-pink with a satiny sheen. \$1.25 each.
- n8942 **Pearl Harbor** (Pat. No. 637)—Magnificent long pointed buds open into flowers of a delicate shell pink shaded golden bronze at the base and Tyrian rose on the reverse side of the petals. \$1.50 each.
- n8946 **Peace** (Pat. No. 591)—The All America Rose Selection for 1946. Peace is a truly superior rose both in flower and in the hardy, vigorous, disease-resistant plant. The attractively cupped, very double, high-centered blooms open from buds of golden yellow etched with pink; change to pale gold and finally to iridescent cream. The large petals are trimmed with apple-blossom pink that deepens as they gradually unfold into glorious 5 inch blooms.
- There should be a place in every garden for the lovely flowers and delicate fragrance of Peace. 2.50 each.



Douglas MacArthur

- n8954 **Shangri-La** (Plant Patent No. 665)—The long pointed, perfectly formed buds of Shangri-La open into lovely flowers of bluish salmon and rose, delicately blended. \$1.50 each.

- n8958 **Texas Centennial** (Pat. No. 162)—Bright glowing carmine red. A sport of President Herbert Hoover, inheriting its healthy vigorous growth. \$1.25 each.

FINEST EVER-BLOOMING ROSES

Quantities are limited again this year, but are graded to the usual high Porter-Walton's standard of quality, and are stored until planting time under controlled temperature and humidity conditions necessary for the retention of their highest vitality.

All nursery stock, including roses, is quoted f.o.b. Salt Lake City.

Prices, unless otherwise quoted: \$1.00 each; 3 of one variety for \$2.75. If shipment is requested by mail add 14c for one, 20c for 3, or 30c for 10 for packing and postage.

CRIMSON RED AND SCARLET

- r8806 ***Christopher Stone**—A top crimson.
- r8808 ***E. G. Hill**—Fragrant and free-flowering. Crimson.
- r8810 **Etoile de Hollande**—Finest choice in reds.
- r8812 ***Grenoble**—Glorious deep crimson-red.
- r8816 **Gruss an Teplitz**—Fiery crimson. Makes a colorful rose hedge.
- r8817 **Hoosier Beauty**—Fine rich red.
- r8828 **Margaret McGredy**—Full double blooms of orange-scarlet.
- r8814 **McGredys Scarlet**—Dark glowing rose-scarlet.
- r8818 **Night**—One of the darkest of all roses.
- r8820 **Poinsettia**—Glowing fire red; the brilliance of poinsettias at Christmas time. Long pointed buds, vigorous.
- r8824 **Red Radiance**—Clear, large, cerise-red.
- r8822 **Red Talisman**—A striking red sport of Talisman.
- r8826 **Rouge Mallerin**—Double well formed blooms of deep red.

WHITE & BLUSH WHITE

- r8884 ***Caledonia**—Exquisite, best pure white.
- r8889 **Innocence**—Large single blooms of pure white, with wine-red stamens.
- r8886 ***McGredy's Ivory**—Large, well-shaped creamy white, fragrant.
- r8888 **Mme. Jules Bouche**—White, blush center.

YELLOW

- r8850 **Cecil**—Dainty single flowers of glorious buttercup yellow.
- r8852 **Golden Rapture**—Beautifully formed buds, fully double blooms, rich yellow, long strong stems.

- r8854 **Joanna Hill**—Creamy yellow, shaded bronzy pink.
- r8859 **McGredy's Yellow**—Perfectly formed, fragrant flowers of bright buttercup yellow.
- r8856 **Mrs. E. P. Thom**—Double pure yellow.
- r8857 **Mrs. P. S. DuPont**—Free flowering, double, rich yellow.
- r8858 ***Soeur Therese**—Buds chrome yellow, flowers daffodil yellow.
- r8860 **Western Gold**—A beautiful clear yellow sport of Talisman.

PINK

- r8862 **Columbia**—The long pointed buds open to deep pink fragrant flowers.
- r8864 **Dainty Bess**—Large, rose pink, waxy-petalled blooms with wine red stamens. very popular.
- r8866 **Edith Nellie Perkins**—Delicate light cerise-pink; inside suffused gold.
- r8880 **Isobel**—One of the favorite singles, bright orange-toned pink.
- r8882 **Korova**—Light salmon pink with yellow base. Vigorous plant.
- r8868 **Los Angeles**—Flame-pink, toned coral, gold base.
- r8870 **Dame Edith Helen**—Glowing two-toned pink.
- r8872 **Editor McFarland**—Perfectly formed, fresh deep pink.
- r8874 ***Picture**—Warm pink, under tones of salmon.
- r8876 ***Pink Dawn**—Perfectly formed, deep rose-pink, toned orange.
- r8878 **The Doctor**—Long, pointed buds, enormous bloom. Exquisite silvery pink. Intensely fragrant.

EVER-BLOOMING ROSES

Blends of

COPPER, ORANGE & SALMON

- r8832 *Autumn—Startling; rich burnst orange, yellow and red.
- r8830 Condessa de Sastago—Deep coppery pink inside, golden yellow reverse.
- r8836 *Duquesa de Peneranda—New apricot leader.
- r8834 Girona—Richly fragrant flowers of soft golden yellow with a collar of Tyrian-rose. A vigorous grower.
- r8838 Heinrich Gaede—Bright vermilion, toned gold; good form and fragrance.
- r8842 Mme. Edward Herriot—Coral red, shaded yellow.
- r8844 *Mme. Jos. Perraud—Novel nasturtium-orange, flushed shell-pink.

- r8840 Orange Therese—A beautiful rich orange shaded flower with the same perfectly formed bud and vigorous habit as its parent, Soeur Therese.
- r8846 *President Hoover—Striking maroon-orange, gold and cerise, pink.
- r8848 Talisman—Sensational rich golden-reddish apricot, stained copper.

**We can furnish these varieties in one year old bushes. They are well rooted and will bloom the 1st season after planting.*

Priced special at 65c each; 3 for \$1.80. If shipment is requested by mail add 12c each or 18c per 3 for packing and postage.

SHRUB ROSES

Hardy—Vigorous—Permanent

The Appropriate Background for the Hybrid Tea Rose Garden

Sweet Brier and Shrub Roses *gkpsBNVW*

In the shrub border or as a background for a bed of Hybrid Tea Roses there is no finer subject than one of the sweet briers or shrub roses.

- r8984 Austrian Copper—Bright, coppery red, the reverse of the petals golden yellow. (H. 6'-7'.)
- r8985 Harrison's Yellow—Large double yellow flowers in long graceful sprays. (H 7-9')
- r8986 Rosa Hugonis—Delicate yellow single flowers on long, arching sprays early in May. (H. 6'-7'.)

Price of all "H-P.," Rugosa and Brier Roses—\$1.00 each; 3 for \$2.75.

Orders for mail shipment must include 14c each or 20c per 3 for packing and postage.

Hybrid Perpetuals *gkpsBNVW*

These were the popular roses of forty years ago, and are no less dependable in the gardens of today, particularly in colder sections and high altitudes.

- r8964 American Beauty—Carmine-red.
- r8968 American Beauty White—Vigorous grower.

Rugosa and Hybrid Rugosa *gkpsFNVW*

The Rugosas are a distinct class having dark green, very deeply wrinkled leaves and double flowers with short ruffled petals. They make permanent shrubs 3 to 4 feet tall and are quite everblooming.

- r8976 F. J. Grootendorst Red—Red flowers in clusters. (H. 3'-4'.)
- r8978 F. J. Grootendorst Pink—Pink flowers in clusters. (H. 3'-4'.)

POLYANTHA AND FLORIBUNDA ROSES

Hardy, everblooming, specially bred for mass planting. They are not only permanent but are more colorful and beautiful than the tender-foliage bedding plants used heretofore for this purpose. Plant about 16 inches each way

FLORIBUNDA ROSES *hkpsAVW*

Large Flowering Clusters

- r9006 Dagmar Spaeth—A true white sport of Lafayette bearing flowers of the same lovely form. Its large showy trusses are produced all summer. It is often called the best white floribunda.
- r9012 Else Poulsen—Lasting brilliant, two-toned rose-pink. Semi-double, sweetly scented. (H.30"-36".)
- r9014 Floradora (plant patent applied for) (H. 30") AARS—Tall sprays of 6 to 12 scarlet-orange blooms resembling little camellias, are fine for cutting. \$1.50 each; 3 for \$3.75.
- r9018 Improved Lafayette—Medium sized deep glowing red flowers suffused with vivid crimson. (H. 18"-24".)

POLYANTHA ROSES *gkpsuFVX*

Small Flowering Clusters

- r9020 Chatillon—Clear, pink flowers in huge clusters. (H. 18"-24".)
- r9022 Golden Salmon—Huge clusters of bright salmon-orange; profuse bloomer. (H. 18"-24".)
- r9024 Ideal—Garnet red. One of the finest. (H. 24"-30".)
- r9026 Mlle. Cecile Brunner — The "Sweetheart" rose. Perfect for boutonnières. Dainty sea-shell pink; delightfully fragrant. (H. 18"-24".) \$1.00 each; 3 for \$2.75.
- r9028 Spray Mlle. Cecile Brunner — The same sea-shell pink color and dainty miniature form of the popular Mlle. Cecil Brunner repeated many times in a gorgeous spray. \$1.00 each; 3 for \$2.75.

Price for all Floribunda and Polyantha Roses except where noted—Hedge size: 65c each; 3 for \$1.80.

If by mail add 12c each or 18c per 3 for packing and postage.

HARDY CLIMBING ROSES hjtBNVY

These hardy June blooming climbers have long runners that are easily trained over fences or arbors and can even be used as ground covers.

- r9036 **American Beauty**—Has the same deep rose-pink color, large size and sweet fragrance of the American Beauty bush type.
- r9038 **American Pillar**—Flowers single, three to four inches across, of a lovely shade of pink, with a clear white eye and long, golden stamens.
- r9034 **Crimson Rambler**—Large clusters of small scarlet flowers. Very hardy and a vigorous grower.
- r9040 **Dr. W. Van Fleet**—The long, pointed buds are of rich flesh-pink on stems 12-18 inches long.
- r9042 **Paul's Scarlet**—The flowers are an intense vivid scarlet, semi-double, and very freely produced in

- clusters of from 3 to 20 blooms on long-branched canes. A mass of color.
 - r9044 **Paul's Lemon Pillar**—Pale lemon buds and light yellow double, well-formed fragrant flowers. Strong grower.
 - r9046 **Mary Wallace**—Flowers are well formed, rose-pink with salmon base; large, glossy foliage.
 - r9048 **Silver Moon**—Beautiful semi-double flowers four inches and over in diameter, pure white, beautifully cupped with golden stamens in center.
- Price of all hardy climbing roses, except where noted—\$1.00 each; 3 of one variety for \$2.75; Postage and packing 14c each or 20c per 3.

EVER-BLOOMING CLIMBERS hktFWW

Sturdy canes and quite erect growth characterize these lovely roses. While they do not bloom as constantly as their "Hybrid Tea" parents, their bloom period does recur, placing them in the everblooming class.

n9095 **THOR** (Plant patent No. 387)

New Giant Scarlet Climber—The flowers are perfectly formed and 4 to 5 inches across when open. The color is the same shade of brilliant scarlet red as the familiar bush Scarlet Glory. Stiff stems 12 to 19 inches long hold the numerous flowers in perfect position above the rich green disease resistant foliage.

\$2.50 each; 5 for \$10.50.

- r9052 **Cl. Countess of Strabroke**—Large impressive flowers of darkest and richest red. Delightfully fragrant.
- r9054 **Cl. Countess Vandal**—Blooms in even greater profusion than the bush form and with the same fine buds of soft copper tinted pink and gold. \$1.25 each.
- r9058 **Cl. Dainty Bess**—Large single blooms of deep blush-pink, decorated with wine red stamens.
- r9056 **Cl. Etoile de Hollande**—Magnificent both in bud and bloom. Flowers indential to the bush form.
- r9062 **Cl. Gloria Mundi**—Clusters of striking orange scarlet flowers.
- r9060 **Cl. Gold Rush**—Its smooth petals of the color and richness of molten gold, form beautiful high-centered roses which reach the acme of perfection. Its beauty is enhanced by an abundance of glossy, ivy-green foliage.



Cl. Talisman

- r9084 **Cl. Pink Dawn**—A lovely blend of pink shades. Like other climbing Hybrid Tea Roses it produces many more blooms than the bush form.

- r9090 **Cl. President Hoover**—The same high qualities and blooms as the bush form. Maroon-orange, gold and cerise-pink.

- r9098 **Cl. Talisman**—Flowers same as bush form; rich golden, reddish-apricot stained copper.

- n9099 **Cl. Texas Centennial** (Patent No. 565)—Bright glowing carmine red flowers on long stems open from large buds of excellent form. The plant is vigorous and disease resistant. \$1.50 each.

Price of all Everblooming Climbing Roses, except where noted—\$1.10 each; 3 for \$3.00. Postage and packing 14c each or 20c per 3.

- n9064 **Cl. Hearts Desire** (Patent No. 663)—The climbing form of the popular Hearts Desire has accentuated all of the fine characteristics of its parent. Deep rich red, long-pointed buds, with enchanting fragrance. \$2.00 each.
- r9068 **Mermaid**—Blooms steadily throughout the season and produces quantities of exquisitely beautiful single flowers of great size, pale sulphur-yellow with a gold center. Its bright, glossy evergreen foliage is just as beautiful in winter as in summer.
- r9072 **Cl. Mme. Ed. Herriot**—Brilliant coral-red buds opening to flowers of flaming pink and orange.
- r9076 **Cl. Mme. Jules Bouche**—Best double, white, borne singly on long stems; pleasantly fragrant.
- r9080 **Cl. Mrs. E. P. Thom**—Well-formed blooms of clear yellow, one of the best yellows.

HELPFUL GARDEN BOOKS

n4300 **GARDEN BULBS IN COLOR**\$2.49

h4316 **VEGETABLE GARDENING IN COLOR**\$2.50

h4308 **GARDENERS HANDBOOK**\$1.49



P.-W.'s HARDY SHRUBS

ROOTS BECOME ESTABLISHED
MORE EASILY IN EARLY SPRING
EARLY SET PLANTS GROW BETTER

The interpretation of the code letters following each variety name is tabulated on page 78. Following the informational code, the height and spread at maturity are indicated. For example. (H 3-4, S 3-4) may be interpreted: "height 3 to 4 feet, spread 3 to 4 feet." The sizes given are only approximate and will vary considerably according to soils and climate.

All prices on shrubs are f.o.b. Salt Lake City. If wanted by mail, add postage at zone rates. (See the postal zone rate chart on page 3.) The shipping weights are as follows: Size 18"-24", one only weighs 3 pounds; add 2 pounds extra for each additional plant. Size 2'-3', one only weighs 5 pounds; add 3 pounds extra for each additional plant. Size 3'-4', one only weighs 7 pounds; add 4 pounds extra for each additional plant. See page 59 for quantity price schedule.



Section of A Shrub Screen

Almond

Double Flowering hkvAUVW (H 3-4, S 4)—Completely covered with sweetly scented flowers before the leaves appear.

p9190 Pink, 18-24", 80c; 2-3', \$1.25.

p9192 White, 18-24", 80c; 2-3', \$1.25.

Althea (Hibiscus) (Rose of Sharon)

(H 10', S 5') hjptCNVW

p9194 Coelestris Blue—The gorgeous single disc-like flowers are produced in great quantity. Planted with the white variety, Snowdrift, it creates a most beautiful color effect.

p9196 Snowdrift—Giant single, pure white flowers fully 4 inches across.

p9198 Rubis—Very large wide open flowers of deep rose-pink with deeper center. The best and most brilliant of all single pink varieties.

Price of any of above, 2-3', 80c each.

Berberis

p9202 Japanese Barberry gjpuvBENVW (H 3-4, S 3-4)—Too well-known to require any comment. In fall its colored foliage and red berries cheer the boundaries of millions of gardens and homes.

15-18", 60c each; 10, \$5.50; 25, \$12.00; 100, \$45.00.

p9204 Mentor Barberry (Berberis Mentorensis) Pat. No. 99 gjpuvBENVW (H 3-4, S 3-4)—New hardy semi-evergreen barberry. Sturdy, erect growth carries a thick, dark, attractive green foliage right down to the ground.

12-15", 60c; 5 for \$2.50; 100 for \$30.00. 15-18" 75c; 5 for \$3.25; 100 for \$10.00. 18-24", 90c; 5 for \$4.25; 100 for \$50.00.

p9206 Red Leaved Barberry (B. Thunbergii Atropurpurea) gkpuvBENVW (H 3-4, S 3-4)—Identical with the popular Japanese Barberry except foliage, which is a rich, bronzy red color. 15-18", 75c. 18-24", \$1.00; 5 for \$4.50.

Buddleia (Butterfly Bush) hjrtFUVX

p9208 Dubonnet (H 6, S 4)—Long firm spikes of the lovely Dubonnet wine shade. The shrub is erect, strong-stemmed, and has very attractive leathery foliage. 1-year plants, 75c each; 2-year plants, 85c each.

p9210 Ile de France (H 5-6, S 4-5)—New, dark, claret-purple; long spikes, free flowering, vigorous. 1-year plants, 75c; 2-year plants, 85c.

Caragana

p9212 Siberian Pea Tree gkptBNVW (H 8-10, S 8)—Compound leaves, bright green; numerous small clusters of yellow flowers.

2-3', 75c; 18-24", size for hedges, 40c each; 10 for \$3.25, 25 for \$7.25; 100 for \$25.00.

p9214 Hansen's Bush Cherry

gkprBUV

These new dwarf fruit bushes (H 3-4, S 4-5) are excellent for hedges and ornamental shrubs.

They are perfectly hardy, even in the generally colder sections where they are extensively planted for their fruit. 2-3', 75c each.

Cornus (Dogwood) glntBNVX

p9216 Golden Twig (C. Stolonifera Lutea) (H 7-8, S 7)—Clusters of white flowers; stems and branches are yellow. 2-3', 75c.

p9218 Red Siberian (C Sibirica) (H 6-8, S 6)—Produces cream colored flowers, light blue fruits, and bright red twigs and branches. 2-3', 75c; 3-4', \$1.00.



Mentor Barberry

Cotoneaster *gjt*BENVW

- p9220 *Acutifolia* (H 6-7, S 5-6)—Especially desirable for its dense, dark green foliage effect; blooms pinkish white, berries black. 2-3', 75c; 3-4', \$1.00.
- p9224 *Divaricata* (H 5-6', S 4-5') One of our most graceful and most beautiful shrubs. The branches from the center stand quite erect, creating an informal dome above the arching side branches, the whole being covered with small, glossy, pointed leaves. It is covered in the spring with dainty pink blossoms and in the fall with an abundance of shiny scarlet berries. Bare root 2-3', \$1.25; 3-4', \$1.50. Balled and Burlapped—2-3', \$1.75; 3-4', \$2.00.

Cydonia (Fl. Quince)

- r9226 *Japonica* (Japanese Quince) gkpsvANVW (H 4-5, S 5)—Brilliant crimson flowers, among the first in the spring. See color illustration, page 51. 18-24", 75c; 2-3', \$1.00; 3-4', \$1.25; 4-5', \$1.75.

Deutzia

- p9234 *Gracilis* (Slender Deutzia) houvBUVW (H 2-3, S 3)—A favorite dwarf shrub covered with spikes of pure white flowers. 15-18", 80c.
- p9236 *Lemoine* hopuBUVW (H 3-4, S 2-3)—Flowers single white, borne on upright branches, 18-24", 80c.

Euonymous *hjt*BEVW

- p9242 *Alatus Compacta* (H 5-6, S 5)—Foliage bright green, changing to a deep rose in autumn, a color unusual among shrubs. Its winged branches and orange-red berries make it invaluable for winter landscapes. 18-24", \$1.25.
- p9244 *Americana* (H 7-8, S 6-7)—Similar to the above except that it is a larger grower. 3-4', \$1.00.

Forsythia (Golden Bell) *gjt*AVY

- r9248 *Spectabilis*—The showy border Forsythia. Because of its pleasing habit of growth, hardiness, and its large profusely borne flowers, it is the best and most useful of all Forsythias. See color illustration, page 51. 18-24", 60c; 2-3', 75c; 3-4', \$1.00; 4-5', \$1.25.



Hydrangea Quercifolia—Oak-Leaved

Hydrangea

- p9252 *Aborecens Grandiflora* (Hills of Snow or Snowball Hydrangea) hosvBSVX (H 3, S 3)—Snow white blossoms of largest size, 2-3', \$1.25.
- p9254 *Paniculata Grandiflora* "Pee Gee" hosvCSVX (H 5-6, S 5)—Blooms pure white to pink, and finally to a beautiful rich coppery red. 2-3', \$1.25.
- p9256 *Oak-Leaved* (Quercifolia) hosvCSVX (H 3-4, S 3)—Leaves similar to an oak leaf. Pure white flowers borne in huge panicles; colorful autumn leaves. 18-24", \$1.50.

Honeysuckle (Bush Lonicera)

- Tartarian varieties gjptBENOVW (H 8-10, S 6-8)—Most popular tall bush honeysuckles..
- p9258* *Tartarian Pink*—18-24", 10 for \$3.75; 25 for \$8.50; per 100, \$30.00. Other quantities and sizes as listed below.
- p9259 *Tartarian White*
- p9260* *Tartarian Pulcherima* (bright red).
- p9262 *Fragrantissima* - (Winter Honeysuckle) gjlpstvANVW (H 6, S 4)—Fragrant white and yellow flowers with semi-evergreen foliage.
- p9264 *Korolkowi Floribundi* (Blueleaf Honeysuckle) gjltvBNVW (H 6-8, S 4-5)—A novelty with blue-green foliage and rose-pink flowers. 2-3', \$1.25.
- p9266 **L. Morrowi* gjlptBENOVW (H 6-8, S 6)—White and yellow flowers. No species more handsome in fruit than *L. Morrowi*.
- p9268 *Maacki* (Podocarpa) gjptBENVW (H 8-10, S 8)—Late Honeysuckle. A newer species to the American gardens; large milk-white flowers clustering in their rigid branches from base to tip; leaves hold until late in November. Berries dark red. 2-3', \$1.00.
- Any of the above Honeysuckles, except where noted—Price, 18-24", 60c; 2-3', 75c; 3-4', \$1.00; specimen clumps, of varieties marked (*), \$1.75.

Kerria

- p9270 *Japonica Double* hjlvFNVX (H 4-5, S 3)—A graceful shrub with attractive orange-yellow flowers, bright green leaves and bark. 2-3', \$1.25.

Kolkwitzia *Amabilis*

- p9272 *Beauty Bush* hktvBUVW (H 6-8, S 6)—Long, arching branches; all the merits of a perfect shrub, combining hardiness, beauty of foliage, and amazing profusion of pale pink, bell-shaped flowers. 18-24", \$1.00; 2-3', \$1.25.

Ligustrum

- p9274 *Vulgare* (English Privet) gjlptBENVZ (H 10-12) A hardy plant with lustrous black berries and dense, deep green foliage. 2-3', 40c. For hedges, 18-24", 25 for \$6.50; 100 for \$20.00; 2-3', 25 for \$9.75; 100 for \$30.00.
- p9276 *Ibota Regelianum* (Regel's Privet) hjlpvBENVX (H 6-8, S 4-5)—Its horizontal effect with its wealth of metallic black berries in the fall make it a desirable subject for shrub groups. 18-24", 80c; 2-3', \$1.25.
- p9278 *Lodense* (Dwarf Privet) hjlvnWZ (H 2-3)—Glossy, deep green foliage; splendid dwarf shrubs and low hedges. For hedging, 9-10", 25 for \$8.75; 100 for \$32.00; 12-15", 25 for \$11.50; 100 for \$38.00; Specimen clumps, 24-30", \$1.25.

CATALOG NUMBERS

The catalog number system used in this book and throughout our order filling department will enable us to complete orders more quickly and more accurately. Please include the catalog number as well as the name and size of each variety on your order.

GORGEOUS NEW FRENCH LILACS

(H 10-12') *gjtBNVY*

GROWN ON THEIR OWN ROOTS

ADAPTED TO INTERMOUNTAIN CLIMATE

Lilacs are best planted from late October until the ground freezes, but very early spring planting will also give good results.

(D) following the name indicates double arrangement of petals. (S) indicates single form.

p9284 **Charles Joly** (D)—Produces fine long lasting blooms of an even toned dark purplish red. 3-4', \$2.00.

p9286 **Lamartine** (S)—Large clusters of mauve pink flowers. One of the earliest to bloom. 2-3', \$1.00.

p9290 **Marshal Lannes** (D)—Buds carmine opening to large flowers of clear bluish violet. A strong grower and late bloomer. 18-24", \$1.75.

p9292 **Michial Buchner** (D)—Medium sized flowers in long clusters, varying from lilac to pale lilac blue. 2-3', \$1.75.

p9294 **Miss Ellen Willmott** (D)—Immense panicles of perfectly formed creamy white flowers. The greatest double white lilac. 3-4', \$3.75.

p9296 **Mont Blanc** (S)—Buds greenish yellow, opening pure white. 2-3', \$1.75.

p9298 **Mme. Lemoine** (D)—Buds viridine yellow, opening snow white. 2-3', \$1.75.

p9300 **Pres. Grevy** (D)—Not new, but still regarded as one of the best double clear blue lilacs. It is a strong grower. 2-3', \$1.75.

p9306 **Rhum Von Horstenstein** (S)—Immense blooms of light red purple. 2-3', \$1.75.

p9308 **Souv de Ludwig Spaeth** (S)—Very popular among lovers of dark colored flowers. Buds carmine to Schoenfeld's purple, opening rose purple. 18-24", \$1.25; 2-3', \$1.75.



*Single French Lilac
Souv. de Ludwig Spaeth*

Lilac Species

p9312 **Josikaea** (Hungarian Lilac) *gjtBNVW* (H 10)—Erect purple flowers blooming late in June. 2-3', \$1.00; 3-4', \$1.50.

p9314 **New Chinese or Rothomagensis** *gjtBNVW* (H 10)—A distinct hybrid variety with slender stems, reddish purple flowers. 2-3', \$1.00; 3-4', \$1.25. Hedge size 12-18"—10 for \$5.00; 25 for \$11.25; 100 for \$40.00.

p9316 **Persian** *gjtBNVW* (H 10)—Light purple flowers with slender, drooping branches. 2-3', \$1.00.

Vulgaris *gjtANORVW* (H 12-15)—The well-known old fashioned common Lilac. p9318 **White** and p9319 **Purple**. 2-3', 90c.

Philadelphus (Mock Orange) *gjpstBNPVW*

p9322 **Bouquet Blanc** (H 4-5)—Semi-double blooms; bouquet-like clusters.

p9324 **Coronarius** (H 6-8, S 4-5)—Large, single flowers; grows tall and upright.

p9326 **Lemoine** (H 4-5, S 4)—A smaller and more delicate form than the others.

p9328 **Virginalis** (H 7-8, S 7)—A vigorous, tall grower, with very large, double-crested, sweetly-scented clusters of pure white blossoms throughout the season. 18-24", \$1.00; 2-3', \$1.25; 3-4', \$1.50.

Any of the above varieties, except where noted, 2-3', 75c.



Philadelphus Virginalis

Potentilla

p9330 **Fruiticosa** *gkmuFNVW* (H 2-3, S 3)—A dwarf shrub, producing an abundance of yellow blossoms over a long period of time. 18-24", 75c.

Rhodotypes

p9338 **Kerrioides** (White Kerria) *hjlmsv-EVW* (H 4-5, S 3)—White flowers and black fruits which hang all winter; foliage very attractive. 2-3', \$1.25.

Rhus (Sumac)

- p9340 *Canadensis Dwarf* hjmsuxBNVW (H 3-4, S 4-5)—Blossoms yellow catkinlike, its foliage differs greatly in texture from that of other Sumac and is very fragrant when crushed. 18-24", 75c; 2-3', \$1.00.
- p9342 *Glabra* gmtBNVW (H 6-8)—A new cut-leaf variety with a splendid fruit display. 2-3', 75c; 3-4', \$1.00.
- p9344 *Typhina* (Staghorn Sumac) gjmtxBENVW (H 10-12)—Develops colored leaves and red fruit. 2-3', 75c; 3-4', 85c; 4-5', \$1.00; 6-8', \$1.50.
- p9346 *Typhina Laciniata* gjmtxBNVW (H 8-10, S 6)—A cut-leaved variety producing a fern-like foliage effect. 2-3', 75c.

Robina hjmstxBUVW

- p9348 *Hispida* (H 4-5, S 5)—This beautiful shrub is much appreciated because of the abundance of its large, pea-like, rose-pink flowers. 2-3', \$1.00.

Sambucus (Elder) gjnstBNVX

- p9352 *Acutiloba* (Cut-Leaf Elder) (H 8-10, S 8)—Attractive, finely cut green leaves, white fragrant flowers followed by clusters of blue-black berries. 3-4', \$1.00.
- p9354 *Canadensis Aurea* (Golden Elder) (H 8-10, S 8)—Bright yellow foliage; commonly used in massed plantings to avoid monotony in the green effect. 2-3', 75c.

Sorbaria gjlotCSVX

- p9358 *Aitchinsoni* (H 6-8, S 6-8)—Handsome shrub, the bright green fern-like foliage contrasting well with the bright red stems; white flowers in upright panicles, 12-20" long. 2-3', 75c; 3-4', \$1.00.



Sorbaria Aitchinsoni

Spirea

- p9360 *Arguta* gjsvANVWY (H 4, S 3)—Fine, deep green foliage; minute, purest white flowers.
- p9362 *Frobeli* gjsvBCNVY (H 4, S 4)—Leaves are purple when young. Deep rosy blooms are borne in abundance.
- p9364 *Prunifolia* (Double Bridal Wreath) hjsvANVWY (H 6, S 6)—One of the best; a beautiful shrub of medium size, double white flowers. 2-3', \$1.00.
- p9366 *Thunbergii* gjsvANVWY (H 5, S 5)—Graceful and beautiful at all seasons; flowers white.
- p9368 *Van Houtte* (Bridal Wreath) gjpstvBNVWH (H 6-8, S 6)—It is round and graceful, with long, thin, arching branches. Flowers in white clusters. Any of the above except *Prunifolia*, 18-24", 60c; 2-3', 75c; 3-4', \$1.00.
Special for borders and hedging, 18-24", 10 for \$3.50; 25 for \$8.00; 100 for \$30.00.

Symphoricarpus gjlmnpusvBENVW

- p9372 *Chenaulti* (H 4-5, S 5)—A hybrid, the foliage is smaller and the plants are neater throughout than vulgaris. Handsome red fruit.
- p9374 *Racemosus* (Snowberry) (H 4-5, S 4)—A graceful shrub, chiefly planted for its waxy white fruit. Either of the above *Symphoricarpus*—Price, 18-24", 50c; 2-3', 75c; 3-4', \$1.00; 4-5', \$1.25. For informal border screens, 18-24", 10 for \$3.75; 25 for \$8.50; 100 for \$30.00.

Tamarix gjmtxBNRVWY

- p9378 *Hispida* (Kashgar) (H 15, S 6)—A distinct variety with delicate soft pink sprays of flowers in early spring and again in July. Prune branches to the ground when planting. 2-3', 75c.

Vitex hjmstvDVX

- p9380 *Macrophylla* (H 6-8, S 6)—A most graceful plant with nicely divided aromatic foliage. Pretty lavender-blue flowers arranged in whorls on long, graceful, terminal spikes. Prune to the ground each spring. 2-3', \$1.00.

Viburnum

- p9384 *Americanum* gjmtBENVW (H 10-12', S 10') (Cranberry Shrub)—The foliage is large, three lobed and of exceptionally heavy texture. Its bright scarlet fruits hang in large clusters during the fall and winter.
- p9386 *Dentatum* (Arrow-wood) gjlstBENVW (H 6-8, S 6)—Creamy white flowers, followed by blue-black berries and purplish red foliage.
- p9388 *Opulus Sterilis* (Common Snowball) gjmtBNVW (H 8-10, S 10)—Ball-like, pure white flowers.
- p9390 *Tomentosum* (Doublefile) hjstvBENVW (H 6-8, S 8)—White flowers are borne in clusters along stalk. The red fruit ultimately turns bluish black. Any of the above, 2-3', \$1.00.

Weigelas hjsvSVY

- p9396 *Bristol Ruby* (Pat. No. 492) (H 5, S 5)—Hardier and more vigorous than *Eva Rathke*. The color is a soft ruby red shading to garnet-crimson. 2-3', \$1.50 each.
- p9398 *Rosea* (H 5-6, S 5)—A beautiful shrub with rose-colored flowers. 2-3', 75c.

EVERGREENS

All Evergreens are quoted f.o.b. Salt Lake City. Most sizes are too large and heavy for parcel post and must therefore be shipped by freight or express. A schedule for quantity prices is printed on page 59.

JUNIPERS

Spreading Varieties

n9450 Pfitzer (J. Chinensis Pfitzeriana) gjsvxNZ—This is the most widely planted and generally satisfactory of all semi-dwarf creeping Junipers. 1 gal. size, \$1.25; 15-18", \$3.75; 18-24", \$4.50; 24-30", \$5.50; 30-36", \$7.00.

Pfitzer Pyramids. See Novelty Specimens.

n9452 Sabina Tamariscifolia gjuvxNZ. Especially desirable in plantings where space is limited or when used against a house with a low foundation. It is a smaller and more compact grower than Juniper Pfitzer, attaining only 6 to 7 feet spread. The dense, metallic blue-green foliage and uniform habit make admirable specimens for the corners of the lawn. Gal cans, \$1.50; 15-18", \$4.00; 18-24", \$5.00.

n9456 Sargenti Blue gjquvxNZ. A very low creeping form growing only 8 to 12 inches above the ground and spreading 6 to 8 feet. The bright bluish green foliage creates a pleasing contrast with the ordinary green of other plants. 15-18", \$4.00.



Above shows attractive groupings of Evergreens

- | | |
|---------------------------|-------------------------|
| 1. Juniper Chinese Pyr. | 4. Mugho Pine |
| 2. Pyracantha L. | 5. J. S. Tamariscifolia |
| 3. Thuya Occ. Pyramidalis | 6. Pfitzer |



Evergreens in our Nursery in Winter

NOVELTY SPECIMENS

n9453 Pfitzer Pyramids. Trimmed to upright form, these special pfitzers give a distinctive weeping effect which is very beautiful in a specimen plant or as a contrast with surrounding foliage. 30-36", \$9.00.

n9455 Sabina Von Ehron Globe. These are perfect, formally globed specimens. They are trimmed plants of the very adaptable Von Ehron Juniper which is itself a handsome dwarf evergreen of semi-spreading habit and slender rich green twigs. Compact globes, 18-20", \$6.00.

n9457 Scopularum Silver Blue Globes. Specimen globes of lustrous silvery blue-green color. Especially fine planted on each side of the entrance steps or garden walk. Compact globes, 18-20", \$6.00.

n9458 Squamata Meyeri (Meyer Juniper) gjuvNZ. 6'. Most unusual in color and habit. Plump, pointed and prickly foliage in a distinct blue color. Irregular shrub-like growth. Thrives on well drained soil. 15-18", \$4.00; 18-24", \$5.00.

WINTER PROTECTION FOR EVERGREENS

Because Evergreens hold their leaves all winter they are never entirely dormant.

The best protection against winter damage, therefore, is a thoroughly moisture filled condition within the plant itself. Be sure that the soil around your Evergreens is moistened to a depth of about two feet during the last four weeks before the ground freezes. After that time apply a coarse mulch around the base of each tree.

In situations exposed to excessive wind or bright sunlight provide a windbreak, shade or loose wrapping.

Pyramidal Junipers

NOTE: Yearly trimming of Junipers and Arborvitae is very beneficial, making sturdier, more compact trees that sustain less winter snow damage. Also very important is the fact that the plants may be kept at any desired size. In the Mountain States trimming should be done in early spring or about September 1st.

- n9462 **Chinese Pyramidalis Blue** (Column Juniper) gjmtvNZ. The popular Chinese Juniper is one of the most adaptable to use in landscape plantings. Its rich blue green color is a pleasing compliment to all colors of brick and stucco. It is a rapid grower and will thrive in any situation where the sun shines for half a day. 3-4', \$7.50; 4-5', \$9.50; 5-6', \$12.50; 6-7', \$16.00.
- n9464 **Scopularum** (Colorado Juniper) gjtyENZ. Compact, columnar growth from a single central stem. It is of unusual bluish color. 4-5', \$10.00.

n9466 **Virginiana Cannarti** (Cannart Red Cedar) gjtvENZ. The deepest, richest green color of all Junipers, which, together with the fine textured foliage and plume like twigs, gives a luxuriant effect. When grown in naturalistic plantings not sheared it has the appearance of a branchy Spruce, but of course, is smaller. Cannarti Juniper may be trimmed and maintained at any size desired. 4-5', \$9.50; 5-6', \$12.50; 6-7', \$16.00.

n9468 **Virginiana Pyramidiforma** (Dundee Juniper) gjtvNZ—Makes a compact, symmetrical pyramid of moderate size. Grayish green in summer, turning a purplish plum color in the fall. 4-5', \$10.00.

n9470 **Virginiana Red Cedar** (Platte River Type). A dense and columnar tree with lustrous foliage of bluish green turning to purplish red in late fall and winter. It is used extensively in landscape work and being a large grower it is particularly valuable for windbreak protection. 30-36", \$5.00; 3-4', \$6.50; 4-5', \$8.00.

THUYA (ARBORVITAE) hjstvNZ

Pyramidal Varieties

n9474 **Elegantissima** (Gold Tinged Column Arborvitae).

A narrow pyramidal Evergreen of tall and stately form. Its habit of growth is more compact than that of other golden pyramidalis. Highly prized as an accent subject because of its distinct form and contrasting color. In gal. cans. 12-15", \$1.50; B & B 30-36", \$5.50; 3-4', \$7.00; 4-5', \$9.00; 5-6', \$11.00.

n9480 **Orientalis Pyramidalis** (Compacta- or Chinese Arborvitae). Comparatively low, broad conical form and compact habit. Fine fern-like foliage of yellowish green color. 3-4', \$7.00; 4-5', Heavy \$10.00.

n9476 **Occidentalis Excelsa** (Western Arborvitae). This excellent variety, which is native in Western America, has the richest most luxuriant green color of all the Arborvitae. It is of broad conical habit, is a rapid grower, and very beautiful either in its natural form or closely trimmed as a formal specimen. 30-36", \$5.50; 3-4', \$7.00.



Juniper Virginiana Cannarti

n9478 **Occidentalis Pyramidalis** (Pyramidal Arborvitae).

A distinct species of columnar form (nearly as wide at the top as it is the bottom), and very deep green foliage which is irregularly turned and slightly curled. Very hardy and particularly adaptable to partly shaded situations. 30-36", \$5.50; 3-4', \$7.00; 4-5', \$9.00; 5-6', \$11.00.

Dwarf Varieties

n9484 **Biota Bonita** (Meldensis). Dwarf habit, neat pyramidal form and rich deep green foliage which grows vertically with a pressed appearance. Identical to the popular *Orientalis Aurea Nana* except for its green color. 15-18", \$3.75; 18-24", \$4.75; 24-30", \$5.75.

n9486 **Globosa** (Globe Arborvitae). Forms a low dense globe of a handsome shade of green. Ideal for formal plantings or on either side of an entrance or step. 18-24", \$4.75.

n9488 **Orientalis Aurea Nana** (Berckman's Dwarf Evergolden Arborvitae). The most wanted Arborvitae. Dwarf, golden tipped, pyramidal. Always shapely and beautiful. 15-18", \$3.75; 18-24", \$4.75; 24-30", \$5.75; 30-36", \$6.75.

PEAT MOSS FOR PLANTING

Soils which do not contain moderate amounts of humus do not encourage rapid growth of new roots which are necessary to maintain growth of all transplanted plants.

Peat Moss is 100% humus. It loosens compact soils, and softens gravelly or sandy soils. It retains moisture and allows fibrous roots to penetrate. Mix about 15% of Peat Moss with the soil that you put around the roots.

BROAD-LEAVED EVERGREENS

FOR MODERN DISTINCTIVE LANDSCAPE PLANTINGS

The Berries and Foliage Are Beautiful in Winter House Decorations

All Evergreens are quoted f.o.b. Salt Lake City, See p. 59 for quantity schedule.



Mahonia Aquifolia

BARBERRY

n9518 *Berberis Sargenti* 4' hlopvBUW. An upright, half spreading species with reddish tan branches and oblong, spiny-toothed leaves, dark glossy green above and light green underneath. Very attractive as a contrast in beds of conifers. Gal. cans, \$1.25; B & B 15-18", \$3.75.

Boxwood

n9520 *Sempervirens* howSW. A formal plant for gardens where pyramids and globes are desired. Foliage glossy and dense. In cans 12" bushy, \$2.00 each; B & B 24-30", \$4.75.

Cotoneaster

n9522 *Horizontalis* 18" hjgvxBENW. Small glossy green leaves artistically arranged along the almost horizontal branches. An ideal dwarf shrub for the partially shaded situation. Gal. cans, each \$1.25; 18-24", \$3.50.

Euonymus

n9526 *Fortunei Carrierei* 36" (Glossy Winter Creeper). A low spreading Evergreen that fits beautifully into foundation plantings and beds and makes a fine low hedge. Produces its showy pinkish orange fruits abundantly. Gal. cans, 12-15", \$1.25 each.

n9528 *Japonica iopvNW* H-8'. Upright habit of growth with a dense, glossy, handsome foliage. Gal. cans, 15-18", \$1.25; B & B 30-36", \$4.75.

Mahonia

r9530 *Aquifolia* (Oregon Hollygrape) houvBNW H5'. Leaves shiny and attractively changing shades of green. Flowers yellow, in dense clusters, followed with light purple berries. Gal. cans, \$1.25; B & B 15-18", \$3.75; 18-24", \$4.75.

Pyracantha

n9534 *Coccinea Lalandii* hjpvBNY. H8'. Leaves dark, glossy and evergreen. Flowers white, in clusters, followed by orange-scarlet berries so much admired. Established in cans, 12-15", \$1.25; 15-8", \$2.75; 18-24", \$3.50.

Viburnum

n9538 *Burkwoodi* (Gardenia Scented Snowball) hjv-ANW (H4'). Most outstanding shrub introduction in recent years. Waxy, pinkish white flowers. The rich, glossy, semi-evergreen foliage turns purplish bronze with winter weather. B & B 2-3', \$5.00.

CONIFERS

Fir (Abies)

n9490 *Pseudotsuga* (Douglas Fir) gjtNW. A rapid grower. Foliage soft blue in color and fragrant. 3-4', \$8.75; 4-5', \$11.50; 5-6', \$15.00.

Pinus (Pine)

n9494 *Austrian* gjtNW. The leaves are two in a sheath, straight and slender, from 4 to 5 inches long, of a deep, rich green color. Gas and smoky atmosphere have no effect on its growth. 30-36", \$6.00; 4-5', \$11.50.

r.9498 *Mugho* (Dwarf Pine) gjvNW. It is used in the foundation and rock garden plantings and as a single specimen because of its low, formal habit of growth. 12-15", \$3.50; 15-18", \$4.50; 18-24", \$5.50.

Spruce (Picea)

n9500 *Black Hills Spruce* gjtNW. Very compact and symmetrical in all stages of growth. Extremely hardy, color of foliage bright green to bluish tints. 3½-4', \$8.50; 4½-5', \$12.00.

n9504 *Moerheim Blue* gjtNW. The aristocrat of the evergreen family; by far the shapeliest Spruce, and the truest, most persistent blue in color of any known tree. 3-3½', \$14.00.

n9506 *Norway* gjtNW. Effective in groups or for hedges and wind-breaks, foliage is rich, dark green and this variety is most commonly used for Christmas trees. 4-5', \$10.00; 5-6', \$15.00; 6-7', \$20.00.

n9508 *Colorado Blue Spruce* (P. Pungens Glauca) gjtNW. Very tall, symmetrical, cone shaped tree with stiff blue-green needles. 2½-3', \$10.75;



Colorado Spruce
"The Utah State Tree"

With the Coming of Peace

DISTINCTIVE LANDSCAPE

SERVICE RE-ESTABLISHED

The fighting is over—Our graduate landscape architect has returned and has reorganized our landscaping department for more complete and efficient service.

PEACE AND BEAUTY GO

HAND-IN-HAND

Peaceful living may be even more enjoyable amid beautiful surroundings.

GRADUATE LANDSCAPE

ARCHITECT

Let our landscape architect prepare a comprehensive individualized plan for your home or estate; for your city park, school grounds or monuments.



PERSPECTIVE DRAWING OF PRIVATE GARDEN



A special feature of a home accentuated by landscaping

Landscape Design

YOUR BEST INVESTMENT—A plan drawn by our landscape architect will save many times its cost by eliminating overplanting and reducing maintenance expense.

INSURE PERMANENT BEAUTY by following a plan designed in complete harmony with the architecture of your home and with its natural surroundings.

PLAN BEFORE YOU PLANT — WRITE US TODAY

ORNAMENTAL SHADE TREES

NATURE'S OWN AIR CONDITIONERS

THE FIRST ESSENTIAL FOR LANDSCAPING THE HOME

Ash (Fraxinus)

p9546 American White gjvBNVW (H 60,) — 6-8' \$2.25; 8-10', \$3.25; 10-12', \$4.50.

p9548 Green Ash gjvBNVW (H 50')—Shapely round top with dark green foliage. 6-8', \$2.25; 8-10', \$3.25; 10-12', \$4.50.

p9552 European Mountain Ash (Sorbus Aucuparia) gjvBEUVW (H 45')—White flower clusters 5 inches across, followed by orange red berries. 6-8', \$3.25; 8-10', \$4.25.

MALE TREES

The desirability of non-seed-bearing male trees is receiving greater acclaim each year. The absence of the

seasonal litter of seeds and its resulting crop of troublesome seedlings is, in itself, justification for the widespread acceptance of these especially propagated shade trees. The foliage of male trees is more abundant, more glossy and luxurious than that of ordinary trees.

p9554 Excelsior (Male trees especially propagated) gnty-NPVW (H 75')—Grown from selected non-seeding parent stock. Its broad head and abundant glossy foliage make it one of the most desirable of all Ash trees. 5-6', \$2.75; 6-8', \$3.50.

p9550 MALE GREEN ASH gjvBNVW (H 50-60')—Especially selected and propagated from non-seed-bearing male trees. It is a tall pyramidal tree with a rounded head. The vigorous habit and dense glossy foliage make these male trees noticeably superior in the garden. 6-8', \$3.50; 8-10', \$4.50; 10-12', \$6.00.

The prices on all trees are f.o.b. Salt Lake City. (See page 59 for quantity schedule.) The following sizes can be forwarded by mail if desired, but add extra for postage at the zone rates from Salt Lake City to your Post Office. Size 3-4', one tree weighs 5 lbs.; add 2 lbs. extra for each additional. Size 4-5', one tree weighs 7 lbs.; add 2½ lbs. extra for each additional.

BIRCH

p9540 Cut-leaved Weeping Birch gjotyVW. The most beautiful weeping tree in existence. The snow white branches grow uniformly outward and upward from the straight central trunk which is also conspicuously white. A slender lacy veil is formed by the vertical hanging slender stems and deeply cut leaves. Very beautiful, hardy and clean. Plant very early to insure a good start. The trunks of smooth barked trees such as Birch should be wrapped for the first year after planting. 9-10', \$4.50; 10-12', \$6.00.

p9542 European White Birch (Betula Alba) gjmntyNRW—A tall distinctive white barked tree with upright form. The leaves are nearly round, but abruptly pointed. 5-6', \$1.75; 6-8', \$2.50; 8-10', \$3.50.

Catalpa

p9556 Bungei (Umbrella Tree) hjmoyNVW (H 15')—Large, velvety leaves. 2-yr heads, \$4.00.

p9558 Speciosa (Western Catalpa) gjmtyBNRW (H 60')—6-8', \$2.50; 8-10', \$3.00; 10-12', \$3.75.

Celtis Occidentalis gjoyBSEVW

p9560 Hackberry (H 40')—A valuable shade tree with widespreading, somewhat pendulous branches. Forms a round-topped head with bright green leaves, turning yellow in the fall. 6-8', \$2.75; 8-10', \$3.25; 10-12', \$4.50.

Cercis hjotyASW

p9562 Canadensis (Redbud) (H 30')—Striking ornamental trees, loaded with a mass of pea-shaped pink blossoms in early spring before the leaves appear. 5-6', \$2.50.

Crabs, Flowering (Malus) gjtyBEVW

From the standpoint of good growth, foliage, flowers and fruits, they are more satisfactory than any other group of small flowering trees. Their hardiness and wide adaptability to soil and climatic conditions make them especially desirable in our mountain states.



Male Green Ash

p9565 BECHTELS (H 12')—A very symmetrically formed tree with silver grey bark and large, deeply veined leaves. Its large double pink flowers resemble small opened roses.

p9566 Dolga (H 15')—Large white flowers followed by a great crop of red crab apples. Fruit makes up into jelly of the finest flavor.

p9568 Eleyi Purpurea (H 15')—One of the best, the tree produces a mass of red bloom against a purplish-bronze foliage. Dark red fruit that makes fine jelly.

p9572 Halliana Parkmani (H 12')—Of spreading habit with glossy deep green foliage and double pink flowers, fruit purplish red.

p9574 HOPPI (H 10')—When in bloom, the flowering crab Hoppi is a gorgeous mass of soft rose red single flowers. The tree is upright and uniform in habit, growing rapidly into a beautiful small tree. Its bright orange red fruits are pretty in the fall and are good for jelly.

p9576 Red Silver (H 12')—Red from top to bottom in bark, tree, leaf, and flower. The leaves have a cut-leaf character and are maroon, red and silver in color.

p9578 Scheideckeri (H 15')—Large, semi-double pink flowers; waxy yellow fruits. Highly recommended.

Any of above Crabs—3-4', \$1.50; 4-5', \$2.00; 5-6', \$2.50; 6-7', \$2.75.



Cutleaf Weeping Birch

Elm (Ulmus)

p9582 American (Ulmus Americana) gjtyNSVW (H 75')—Tall and graceful. 8-10', \$3.25; 10-12', \$4.50.

p9584 Chinese or Siberian gjtyNOVWX (H 40') 5-6', \$1.50; 6-8', \$2.00; 8-10', \$3.00.

p9586 Camperdown (Umbrella Elm) gjoyNVW (H 15')—Branches grow outward and downward. Three-year heads, on six-foot standards, \$4.00.

p9588 Cork gjtyNSVW (H 75')—Majestic, spreading branches, corky winged; free from scale. 8-10', \$3.75.

p9590 English gjtyNSVW (H 75')—A noble rapid-growing tree, forming a dense head. 6-8', \$3.00.

p9592 Moline gjtyNSVW (H 75')—Columnar form. The older trees become more spreading. 8-10', \$3.50; 10-12', \$4.50.

Ginkgo (Maidenhair Tree) *gyVW*

p9594 **Biloba** (H 60')—A rare tree from Asia with fan-like foliage, unlike any other. Free, angular, independent branches, distinct, slow growing. 6-8', \$5.00.

Horse Chestnut

p9596 **White Flowering** *gyBSVW* (H 60')—The handsome European species; has magnificent spikes of white flowers borne in great profusion and sweetly scented. 7-8', \$3.75.

Hawthorne (Flowering) *gityBEVW*

p9600 **Paul's Double Scarlet** (H 15')—Flowers deep crimson-scarlet: very double, followed by large red berries borne freely. 5-6', \$3.00; 7-8', \$3.75.

Laburnum *hityBVW*

p9602 **Vossi** (Long Clustered Golden Chain)—Small tree with flowers of pure golden yellow formed like those of Wisteria. The long hanging clusters attain as much as eighteen inches in length. 5-6', \$3.00; 7-8', \$3.75.

Linden (Tilia) (H 60') *gyBESVW*

p9604 **American**—Broad, round head with large, shining cordate leaves. Its flowers appear in yellow drooping clusters, intensely fragrant. 6-8', \$3.00; 8-10', \$3.75.

p9605 **Cordata** (Little Leaf Linden)—One of the finest shade and street trees. L. Cordata is very uniform in growth and has smaller leaves than either the American or European varieties. 6-8', \$3.50 each.

p9606 **European**—Pyramidal shape, foliage similar to the American Linden; white flowers in June. 6-8' \$3.50; 8-10', \$4.25.

Locust (Robina)

p9610 **Globe Locust** *gjmyNRVW* (H 20')—Unusually attractive round-headed tree. 2-year head, \$4.50.

p9612 **Honey Locust** *gkmpyNRVW* (H 50') 6-8', \$2.25; 8-10', \$3.25; 10-12', \$4.50.

p9616 **Thornless Honey Locust** *gkmyNSVW* (H 50')—Very small leaves, an ideal lawn tree. 6-8', \$2.50; 8-10', \$3.50; 10-12', \$4.50.

p9618 **THORNLESS HONEY LOCUST MALE TREES** *gkmyNSVW* (H 50')—It has no seed pods. Its foliage is more abundantly produced and has a beautiful lustrous gloss. The cooling shade is light enough that lawn and flowers will grow beneath it. A male Thornless Honey Locust in your yard will bring increasing pride and comfort for many years. Price—6-8', \$3.50; 8-10', \$4.50.

Oak (Quercus) *hkQSTVW*

p9622 **Macrocarpa** (Burr or Mossycup) (H 60-75')—One of the best oaks for the Rocky Mountain States. 6-8', \$4.00.

Maples (Acer)

p9624 **Norway** *gyAVW* (H 60')—A large, spreading rounded form, with shiny, deep green foliage. Very symmetrical. 6-8', \$2.75; 8-10', \$3.75; 10-12', \$4.75.

p9626 **Schwedleri** *gyANVW* (H 60')—A red and purple contrasts brightly with the delicate green of other trees. In midsummer they are purplish green; in autumn, golden yellow. 6-8', \$4.00; 8-10', \$4.75.

p9628 **Silver** *gyANVW* (H 60')—A large tree, very fast growing. 6-8', \$2.50; 8-10', \$3.50; 10-12', \$4.50; 1½-2" cal., \$5.75.

Mulberry *hjoyBNOVW*

p9632 **Tea Weeping** (H 15')—The long, slender, drooping branches of this tree give it a very unusual and much admired appearance. 2-year heads, \$4.50.

p9634 **Russian** (H25') — 5-6', \$1.75; 6-8', \$2.50; 8-10', \$3.00.

Olive

p9638 **Russian** (*Eleagnus Angustifolia*) *gjmyBENVW* (H 20')—Leaves silvery green. Very hardy. Vigorous grower and valuable for screens, hedges, and color accents in landscape effects. 5-6', \$2.00.

Peach (*Amygdalus Persica*)

Double Flowering *hktyBNSUVW* (H 15')

A flowering peach in bloom has the appearance of an immense bouquet of gorgeous double flowers.

p9640 **Double White** p9644 **Double Red**

p9642 **Double Pink**

Any of above, 3-4', \$1.25; 4-5', \$1.75.

Plane Oriental

p9646 **London Plane** *hjmyNVWX* (H 70')—It forms a fine spreading, well-rounded head. Entirely free from disease or pests. Leaves are large, dark green and deeply lobed. 6-8' \$3.25; 8-10', \$4.00.

Poplar (*Populus*) *gjotyNOVW*

p9650 **Bolleana** (H 60')—A tall columnar tree. Leaves silver.

p9652 **Canadian** (H 60') — A sturdy rapid growing variety.

p9654 **Carolina** (H 50')—Branching habit.

p9656 **Lombardy** (H 80')—Grows narrow and columnar.

Any of above Poplars 6-8', \$2.00; 8-10', \$2.75.

Prunus (Flowering Cherries)

Charming small trees with branches completely covered with a mass of large flowers in May.

p9660 **Kwanzan**—**Double Pink** *hktyBUVW* (H 25')—3-4', \$2.00; 4-6', \$3.00.

p9662 **Mt. Fugii**—**Double White** *hktyBUVW* (H 25')—3-4', \$2.00; 4-6', \$3.00.

p9664 **Japanese Weeping Cherry** *hktyBUVW* (H 20')—Beautiful specimens, blooming in profuse panicles of single pink flowers. 5 ft. standards, \$4.50.

Prunus Flowering Plums *hktyBNSUVW*

p9672 **Newport** (H 15')—Flowers single rosy white, followed by richly colored foliage. Fruits magenta red. 3-4', \$1.50; 5-6', \$2.00.

p9676 **Thundercloud**—An outstanding new variety which, without question, has the best and darkest foliage of all the purple leaved flowering plums and retains its deep coppery effect throughout the summer. Light pink single flowers cover the tree in the spring. 2-3', \$1.00; 4-5', \$1.75.

p9678 **Triloba** (Double Flowering Plum) (H 10')—Before leaves appear, the tree is a mass of double, pink blossoms. May be grown in bush form. 2-3', \$1.00; 3-4', \$1.50.

p9682 Tulip Tree (H 80') *kotyBSVW*

Tall pyramidal habit, glossy, fiddle-shaped leaves. 5-6', \$3.25.

Sophora (h 60')

p9684 **Japonica** (Chinese Scholar Tree)—A symmetrical round-head tree with dark green glossy foliage, giving a moderately dense shade. It is particularly desirable in the garden because of its long drooping cream-colored panicles which appear in late July when most other woody plants are out of bloom. They are especially effective against a background of Spruce or Pine. 5-6', \$3.50; 6-8', \$4.50.

Varnish Tree

p9686 *Koelreuteria Paniculata* hkytBNOVW (H25')—"Golden Rain Tree." Very showy. 5-6', \$3.50.

Willow (*Salix*) gntyANRVX

- p9692 Golden Willow (upright) 6-8', \$2.00; 8-10', \$2.50.
 p9700 Laurel Leaved Willow—A hardy upright grower, with large oval, glossy, deep green leaves. 7-8', \$2.50.
 p9694 *Matsudana* (Hankow Willow) (H. 35') Upright. 6-8', \$2.50; 8-10' \$3.50.
 p9696 Pussy Willow (H.12') 3-4', 75c; 6-8', \$1.50.
 p9690 Weeping Babylonian Willow (H. 30') 7-8', \$2.50; 8-10', \$3.50.
 p9698 Weeping Golden Willow (H. 25') 7-8', \$2.50; 8-10', \$3.50.

HARDY NUT TREES

- n9716 Almond Northern—Exceptionally hardy and of excellent quality. Used as a pollinizer with I.X.L. both varieties produce better crops. 3-4', \$1.25; 4-5', \$1.50; 5-6', \$1.75.
 n9720 Almond, Utah, I.X.L. jkAUW (H. 20') — Smooth, soft-shelled nuts. The kernel is large, plump and excellent flavor. 3-4', \$1.25; 4-5', \$1.50; 5-6', \$1.75.
 p9722 Butternut (White Walnut)—This beautiful tree bears large rough-shelled nuts with white kernels, full-meated and delicious. 6-8', \$3.50.
 p9730 Walnut, Stabler gntyANRVX (H 80')—One of the finest of the new improved Black Walnuts. The kernels are large and of excellent quality. 5-6', \$3.75; 6-8', \$4.00.

QUANTITY PRICE SCHEDULE FOR TREES, SHRUBS, VINES

Where each price is printed in this Catalog, the table below determines the 10 and 100 rates on the respective items of trees and shrubs, vines and evergreens. All prices are f.o.b. Salt Lake City.

Where each Price is	Per Ten Rate is	Per 100 Rate is	Where each Price is	Per Ten Rate is	Per 100 Rate is	Where each Price is	Per Ten Rate is	Per 100 Rate is	Where each Price is	Per Ten Rate is	Per 100 Rate is
\$.25	\$ 2.25	\$ 20.00	\$.70	\$ 6.25	\$ 56.00	\$1.50	\$13.50	\$120.00	\$3.50	\$31.50	\$280.00
.30	2.70	24.00	.75	6.75	60.00	1.75	15.00	140.00	3.75	33.75	300.00
.35	3.25	28.00	.80	7.25	64.00	2.00	18.00	160.00	4.00	36.00	320.00
.40	3.60	32.00	.85	7.75	67.50	2.25	20.00	180.00	4.25	38.25	340.00
.45	4.00	36.00	.90	8.00	72.00	2.50	22.50	200.00	4.50	40.50	360.00
.50	4.50	40.00	.95	8.50	76.00	2.75	24.75	220.00	4.75	42.75	380.00
.55	5.00	44.00	1.00	9.00	80.00	3.00	27.00	240.00	5.00	45.00	400.00
.60	5.50	48.00	1.25	11.25	100.00	3.25	29.25	260.00	5.50	50.00	440.00
.65	5.75	52.00									

P.-W.'s FRUIT TREES

SHORT CROP—EARLY ORDERS GIVEN PREFERENCE

Orders for ten or more trees of one kind and size will be supplied at the 10 to 40 rate. Assorted trees fewer than ten of one kind and size will take the "each" rate.

Apples gkyBNX

"The King of Fruits"—"An Apple a Day Keeps the Doctor Away"

Autumn Varieties

- n9740 Gravenstein—Yellow, red, striped, very large. Ripens in September.
 n9742 Twenty Oz. Pippen—Large, yellow and striped. Good cooking apple.
 n9746 Wealthy—Dark red, sub-acid. Trees bear very young.

Summer Varieties

- n9748 *Early Harvest—Medium size, nearly round, pale yellow, July and August.
 n9750 Early Redbird—Claimed to be the earliest red apple in cultivation. Ripens a week earlier than Yellow Transparent, producing most palatable, glowing-scarlet-red apples—almost twice the size of Early Transparent.
 n9752 *Red Astrachan—Fruit large, beautiful deep crimson yellow. Ripens July and August.
 n9754 Red June—Medium size, oblong, red, flesh white and juicy, sub-acid. Ripens in July.
 n9756 Yellow Transparent—One of the earliest, pale yellow when ripe; good quality. Ripens in July.

Winter Varieties

- n9760 Cortland—Similar to its parent McIntosh, but more uniform in size, and has more and brighter color.
 n9762 Delicious—Solid red, most popular for eating, storing and shipping.
 n9764 Delicious — Yellow-gold. It bears young and heavily. The fruit is large, juicy. No other yellow apple is of better quality.
 n9766 Jonathan—Solid red. Equal to Delicious in popularity. Very firm, richly flavored flesh.
 n9768 McIntosh—Solid red. An excellent fall eating apple. Largely planted where extreme hardiness is desired.
 n9770 Rhode Island Greening—An old favorite for pies.
 n9772 Rome Beauty—Solid red. It is a brilliant red apple, large, tender, juicy. The tree is hardy and bears heavy crops every year.
 n9774 Staymens Winesap — Smooth, greenish-yellow, splashed and striped with red and purple.
 n9776 Winter Pearmain—Pale yellow; flesh yellow, juicy tender.
 n9780 Winter Banana — Flesh golden yellow; fine grained, juicy.

Crab Apples

- n9786 Siberian—Beautiful red. September. Highly esteemed for making jelly.

The grades and prices on all apple varieties are as follows, f.o.b. Salt Lake City:

	Height	Inches Caliper	Each	10-40
Coml. Orchard	3 ft. up	7/16- 9/16	1.10	1.00
Extra Spec. Size	6-7 ft. trees		1.75	

We have the extra special 6-7 ft. trees in varieties of apples, marked with an asterisk (*).

Apricots *hkyBUX*

Apricots which have been grown for many years under the names of "Chinese," "Colorado," "Jones," "Large early Montgament," and "Wilson," have been observed in the same experimental plot and proven to be identical.

n9790 *Chinese — Large, round, deep orange-yellow fruits. Flesh is firm and the richest flavor. Late June.

n9796 *Moorpark—Very large, light yellow, oval shaped fruit. The tree is slightly hardier than Chinese. Late June.

Nectarines *hkBNX*

The Nectarine has a smooth skin like the plum. It is like the peach in other ways and requires the same culture. Its pungent, sprightly flavor is remindful of both, but with an added deliciousness all its own. Set trees 16 to 18 feet apart.

n9816 *John Rivers—The hardiest Nectarine. Attractive size, red cheek and luscious green flesh.

The prices on all standard Apricot, Nectarine, Peach, Pear, and Plum trees listed are as follows, f.o.b. Salt Lake City:

	Height	Inches Caliper	Each	10.40
Home Orchard	4 ft. up	9/16-11/16	\$1.25	\$1.15
Coml. Orchard	3 ft. up	7/16- 9/16	1.10	1.00
*Extra Spec, Size	5 ft. up		1.75	

Luscious Pears *gkASX*

Plant about 20 ft. apart each way.

n9850 Bartlett—Fruit, large, clear yellow, highly flavored; very juicy. September.

n9854 Beurre D'Anjou—Large, of vinous flavor; one of the leading Autumn varieties.

n9856 Keiffer's Hybrid—Rarely ever blights. Fruit of fine size, rich color, and good quality. October and November.

n9858 Lincoln—A clear, beautiful glossy yellow pear of superb quality, averaging about the size of Bartlett. Long lived, hardy and blight resistant.

n9860 Parrish Favorite—Large winter pear, ripening in November-December. Will keep until Spring, retaining its captivating flavor. Never blights.

n9864 Seckel—Small, yellowish brown, tender, juicy melting. Ripens August.

n9866 Winter Nellis—A good winter variety of medium size.

Dwarf Fruit Trees

This class of fruit trees has been developed and grown particularly for the home yard or small orchard. They come into bearing earlier and produce excellent crops.

n9868 Red Delicious—2-year-old trees. Price, \$3.00 each; 10 for \$25.00.

Plums and Prunes *gktBNX*

Plant about 20 feet apart each way, 108 trees per acre.

n9871 *Damson—Medium dark blue; flesh amber; good preserver.

n9870 *Duarte—A rich blood-fleshed plum; similar to Satsuma. Tests show this tree is hardier and more productive.

n9873 *Elephant Heart—A huge, heart-shaped freestone plum with blood-red flesh and luscious flavor. Early September.

n9872 *Formosa—Early, large, heart-shaped, cherry-red as it ripens, sweet and delicious. Early July.

n9874 *Green Gage—Large pale green fruits, rich flavored and juicy.

n9876 Hanska—Very hardy. Dark reddish purple with yellow flesh.

n9878 Opata — Medium size, freestone, purplish red plum, flesh green of pleasing spicy flavor. Young bearer, very hardy. July.

n9880 *Pacific—A large purple; ships well. Freestone; flesh pale yellow, firm, and sweet.

n9882 *Peach (Jefferson)—Large, red, fine quality plum with yellow flesh. Recommended for the home orchard. Early July.

n9884 Pottawatamie—Excellent small plum for preserving.

n9886 *Santa Rosa—One of the leading shippers. Good size, purplish red. Flesh reddish in color, juicy and delicious. Late July.

n9888 Sapa — Medium to large freestone, dark purple with purple flesh, juicy, of good flavor. Ripens a few days after Opata. Generally bears next year after planting and bears very heavily.

n9890 Satsuma — A fine, large purplish crimson; pit small. Delicious flavor. July.

n9892 *Sessions — Consistent cropper. Dark blue with amber flesh. Good for preserves.

n9894 *Sugar—Dark reddish purple, changing to purplish black. Skin thin, tender, separates readily. Flesh golden yellow. Tender and sweet.

n9896 *Yakima—Very large, egg-shaped, red. Good shipper.

n9898 *Italian-Fellemburg Prune — Large, oval, dark purple; flesh greenish yellow; separates freely from stone; best for drying on the market. August-September. Best commercial sort, "Italian" is on peach root.

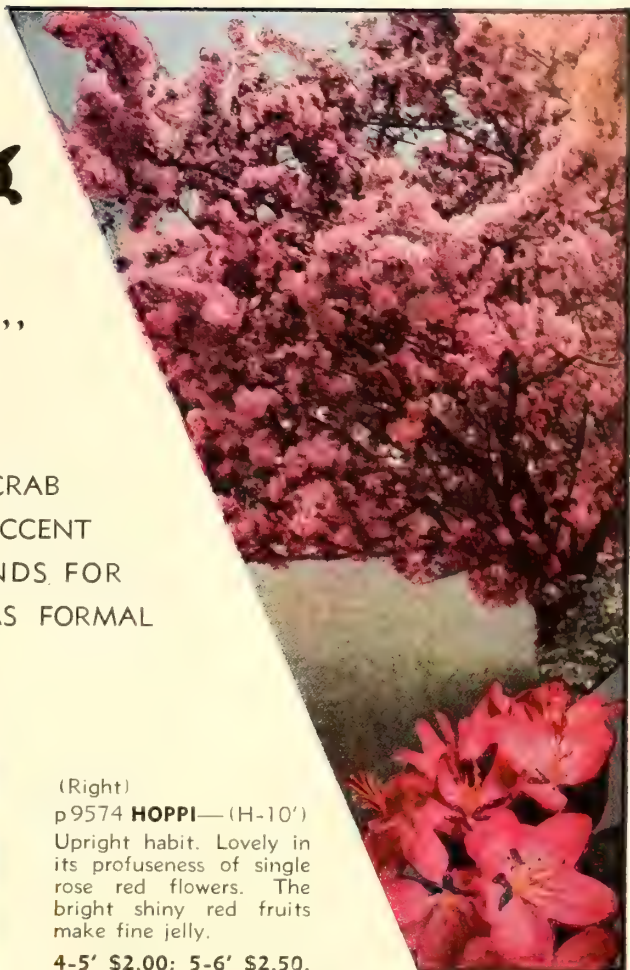


Rows of Healthy Fruit Tree Stock

Flowering Crab Apples

will bring
"APPLE BLOSSOM TIME"
 to Your Garden

THESE BEAUTIFUL FLOWERING CRAB
 TREES ARE UNEQUALED AS ACCENT
 PLANTS, AS BACKGROUNDS FOR
 SMALLER SHRUBS, OR AS FORMAL
 LAWN SPECIMENS.

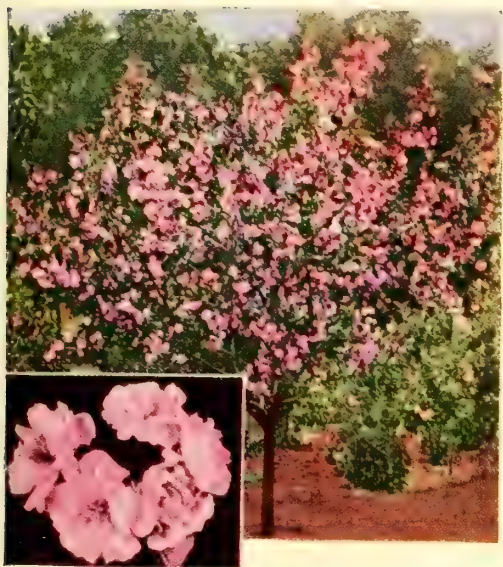


(Right)

p 9574 **HOPPI**—(H-10')

Upright habit. Lovely in its profuseness of single rose red flowers. The bright shiny red fruits make fine jelly.

4-5' \$2.00; 5-6' \$2.50.



(Left)

p 9565 **BECHTELS**—(H-12')

A tree of very uniform habit and silvery grey bark. Largest and most double pink flowers resembling miniature roses.

3-4' \$1.50; 4-5' \$2.00; 5-6' \$2.50.

Paul's Scarlet Flowering Hawthorne

(at right)

p 9600—Paul's Scarlet Hawthorne is equal to the flowering Crabs in hardiness and equally adaptable to many landscape uses. Its clusters of bright crimson scarlet blossoms are borne in late spring and followed by large red berries in the fall.

5-6' \$3.00; 6-8' \$3.75.



Think

of the advantages
of having FRESH
FRUIT in your own
back yard.

Plant

A HOME ORCHARD
selected for long
season bearing.

Enjoy

the greatest
returns you
ever received
from such a small
investment.

n 9836 **HALEHAVEN**

The All-Around Home Peach.



n 9762
**Red
Delicious
Apple**



n 9850
**Bartlett
Pear**

SPECIAL No. 662

FRUIT FOR SUMMER, FALL and WINTER.

Apple, Red Delicious	Peach, Halehaven
Apricot, Chinese	Pear, Bartlett
Cherry, Lambert	Plum, Formosa

**One 3-Foot Tree of Each of Above
SIX vigorous trees, \$5.40**

Packing and Postage, 35c extra.

ASK FOR SPECIAL No. 662

Sweet Cherries *hJBUX*

Plant 30 feet apart; 49 per acre.

- n9800 ***Bing**—About one week ahead of Lambert. One of the best market cherries. Large deep dark red, nearly black. Meat firm, sweet, and exceedingly well flavored. Ripens July in Salt Lake valley. Wonderful shipper.
- n9802 ***Lambert**—This follows Bing in ripening and is fully equal to it both as a commercial and home variety. Fruit very large, heart-shaped, firm flesh and a rich, sweet flavor. It is less subject to frost injury in blossom time than any other of the sweet varieties. Ripens in July.
- n9804 ***Black Tartarian**—Large, purplish-black, sweet. Ripens first of July. Plant with Bing or Lambert for pollinization.
- n9806 ***Napoleon**—Very large, pale yellow, red cheek. June.
- n9808 ***Windsor**—Fruit large; heavy bearer; beautiful dark color, almost black. Good pollinizer for Bing or Lambert.

Sour Cherries *gJBUX*

Plant 20 feet apart each way; 108 per acre.

- n9810 ***Royal Duke**—Fruit dark red; juicy and rich. June.
- n9812 **Montmorency**—Improved. This strain produces much larger fruit than the old true Montmorency and has become the leading sour cherry for cold pack and canning; ripens late June to early July.

Prices of Sweet and Sour Cherries

f.o.b. Salt Lake City	Approx. Height	Inches Caliper	Each	10-40
Home Orchard	4 ft.	9/16-11/16	\$1.50	\$1.35
Coml. Orchard	3 ft.	7/16- 9/16	1.25	1.15
Mail Size	2 ft.	5/16- 7/16	Sold out	
*Extra Spec. Size	5 ft.		2.00	

p9214 HANSEN'S BUSH CHERRIES

Since the introduction of these new fruits they have become widely planted. Hardy, easy to grow, and early bearing, they adapt themselves to even the coldest climates. The fruit is good to eat fresh and will make the most delicious preserves. Plant them 3-4 feet apart in rows 6 feet apart for fruit production. When used as ornamental shrubs they are beautiful as specimens, groups or hedges. 2-3 ft., 75c each.

Peaches *hkBUX*

Plant 20-25 feet each way; 70-108 per acre.

- n9820 ***Alexander**—Handsome, crimson. Ripens about July 24th.
- n9822 ***Champion**—Firm, sweet, white flesh with a rich and satisfying flavor. The tree is hardy and a good bearer; the fruit is freestone and ripens two weeks before Elberta.
- n9824 ***Crawford's Early**—A delicious yellow fleshed freestone peach. Ripens in August.
- n9826 ***Elberta**—A leading market variety, large, handsome bright yellow overspread with crimson; juicy, fine shippers. Freestone.
- n9828 ***Early Elberta**—About ten days earlier than regular Elberta, otherwise similar.
- n9830 ***New Red Elberta**—The most highly colored, "double red" Elberta, this variety is a quick-selling market peach. It can be harvested ten days before regular Elberta and sold for higher prices.

The prices on all standard Apple, Apricot, Nectarine, Peach (Pear and Plum trees listed are as follows, f.o.b. Salt Lake City:

	Height	Inches Caliper	Each	10-40
Home Orchard	4 ft. up	9/16-11/16	\$1.25	\$1.15
Coml. Orchard	3 ft. up	7/16-9/16	1.10	1.00
*Extra Size	5 ft. up	11/16-7/8	1.75	—
Special Size	All Peaches	1 in. up	2.25	



Part of a truck-load of Lamberts leaving the orchard

- n9832 ***Golden Jubilee**—Another new large yellow-fleshed freestone. Said to ripen three weeks before Elberta and to equal or exceed that variety as a market peach.
- n9834 ***J. H. Hale**—Large orange-yellow; considered by many superior to Elberta. Freestone.
- r9836 ***Halehaven**—Large reddish yellow, a cross between J. H. Hale and South Haven, combining the good qualities of each. Ripens 17 days before Elberta.
- n9838 ***Heath Cling**—Large, oblong, creamy white, rich and luscious; valuable canning peach.
- n9840 ***Orange Cling**—Very large; yellow with dark crimson cheek; flesh golden yellow.
- n9842 ***May Flower**—The earliest peach on the market; red all over; flavor excellent. Freestone.
- n9844 ***Rochester**—It is the earliest yellow peach of quality, ripening about a month before Elberta. Fruit medium to large, mottled red, flesh tender, sweet, high quality, freestone. Buds hardier than most yellow-fleshed peaches. Ripens over a long season.

J. H. Hale Peach



SMALL FRUITS

Lifetime profits and pleasure from one planting.

Blackberries *gkxN*

- p9900 Early Harvest — Berries uniform, glossy black, very early.
 p9904 Mersereau—Very productive, sweet, rich, coreless.
 p9906 Lucretia Dewberries — Fruit very large, superb quality.
 Price—5 for 85c; 10 for \$1.35; 50, \$5.60; 100, \$10.00.

Boysenberry *ikN*

- p9910 Boysenberry (Regular)—The Greatest Vine Berry Yet Developed—"From an acre of Boysenberries 11,500 lbs. were produced." It has a distinctive luscious flavor of its own. Plant 6 feet apart each way. 2-year transplants (bearing age). Price—5 for \$1.50; 10 for \$2.75; 25 for \$5.50; 100 for \$20.00.
 p9912 BOYSENBERRY THORNTLESS — Same high quality as the above. On thornless vines. No. 1 Tip plants: 5 for \$1.50; 10 for \$2.75; 25 for \$5.50; 100 for \$20.00.

Currants *gkNW*

- p9920 Perfection—Large, bright red; most popular new variety. Price—Large 2-year-old roots, 3 for \$1.75; 10, \$5.25; 100, \$40.00.

GRAPES

Hardy American *gmtxNW*

- p9940 Caco — Best hardy red grape. Large, juicy and delicious.
 p9942 Concord—Deep purple. Most popular for jelly or grape juice.
 p9943 Concord Seedless — Fruits resemble concord in color and flavor, but are seedless and slightly smaller. Fine for home use. Each \$1.00; 10 for \$8.00.
 p9944 Fredonia — Leading black grape. Ripens very early. Large, juicy, delicious; very productive and hardy.
 p9948 Golden Muscat—You are sure to be pleased with this new grape which has the largest clusters and berries of any hardy eastern variety. It is very high quality and ripens about two weeks later than Concord. \$1.00 each; 10 for \$8.00.
 p9952 Niagara—Greenish white; skin thin, sweet pulp.
 p9956 Seneca—This remarkable development is a green California type grape on a hardy vine. The firm meaty flesh of superlative quality keeps well either on the vine or off. A real treat for grape lovers. Ripens three weeks before Concord. \$1.00 each; 10 for \$8.00.
 p9958 Van Buren—Ideal where the growing season is too short for Concord. It ripens a month earlier. The fruit is of the Concord type and equal to it in quality \$1.00 each; 10 for \$8.00.



P.-W.'s New Mammoth Everbearing

Grapes, European Varieties *imtxNW*

- p9960 Black Malvoice — Berries large, oblong, reddish black, juicy.
 p9962 Flame Tokay—Large, sweet, red.
 p9964 Muscat — Large, light colored raisin and wine grape.
 p9966 Thompson's Seedless — Popular seedless raisin grape.
 Prices, all Grapes except where noted—2-year stock, each, 45c; 10, \$4.00; 50, \$15.00; 100, \$26.00.

Raspberries (Red Varieties) *gkNX*

- p9970 Latham — This remarkable and very desirable variety is certified absolutely mosaic-free, and acceptable anywhere; berries are large and round, with profitable shipping firmness; color, a brilliant red. 10 for \$1.50; 25, \$3.00; 100, \$10.00.
 p9974 P.-W.'s Colossus Everbearing — The finest red everbearing raspberry. The fruits are very large, firm, and of excellent flavor and color making them particularly valuable for table use, for canning and for frozen food locker storage. Commercial growers show good profits with Colossus.
 p9976 Indian Summer—Another everbearing Raspberry of superior quality. The fruits are large, roundish-conic, medium red and excellent flavor. The vigorous plants (above medium height) bear heavy crops; the first ripening soon after the June varieties and the second, beginning in September and continuing until a severe frost. Especially recommended for the home garden.
 p9972 Sunrise—This new raspberry has been tested and is highly recommended by the U.S.D.A. Being 10 to 15 days earlier than Latham and of superior quality, it promises to be a valuable commercial berry. The color is dark red when ripe. The berries pick easily, are firm, non-crumblly, fine textured and juicy, with a mild sub-acid flavor and good raspberry aroma.
 p9978 Taylor—The most promising new red variety. Hardy, vigorous, tall, and very productive. The fruits are large, oblong, bright red and ripen a little earlier than Latham.
 Price, all Red Raspberries except Latham: 10 for \$2.25; 25, \$4.25; 100, \$15.00.

Black & Purple Raspberries

- p9980 Bristol (Black) — The berries are large, firm, fairly glossy and of excellent quality, ripening 3 or 4 days earlier than Cumberland.
 p9984 Sodus (Purple)—New and very promising. The plants are very vigorous, very productive, hardy, drought resistant and yield a good crop every year. The fruits, which ripen shortly after Latham are very large, firm, medium purple in color, sprightly and good in quality. Either: 10 for \$1.75; 25, \$3.75; 100, \$12.00.

Strawberries *gkN*

- All Strawberry plants will be sent either Parcel Post or Express, according to quantity. Put up uniformly in bunches, 25 plants each.
 p9990 Marshall—As a large berry for home use, it is peerless. The color is a rich, glossy crimson. 25 plants, \$1.00; 100, \$2.75; 1000, \$20.00.
 p9992 Mastodon Everbearing—Large luscious and deep red. 25 plants, \$1.10; 10, \$3.00; 1000, \$22.50.
 p9994 P.-W.'s New Mammoth—P.-W.'s New Mammoth Everbearing Strawberry is superior in size, color, flavor and yield. Its particular advantages are that the vines are more dwarf, the berries ripen evenly, easier harvested, larger in size and firmer in texture. First ripe berries appear about week earlier than Mastodon and continue to bear until snow flies. Price—25 plants, \$1.20; 100, \$3.35; 1000, \$25.00.

FERTILIZER

PLANT FOODS - SOIL REBUILDERS - TRANSPLANTING AIDS



k4008 VIGORO

(4-12-4)

BALANCED PLANT RATION

Supplies all 11 elements plants require from the soil.

Feed Everything You Grow with Vigoro!

100 lb. bag	\$4.00
50 lb. _____	2.50
25 lb. _____	1.50
10 lb. _____	.85

h4002 BONE MEAL

Bone meal is a good, safe and effective fertilizer supplying nitrogen and phosphorus. It may be applied at any time. 100 lbs., \$4.00; 25 lbs. \$1.25; 10 lbs., 65c.

GREENLEAF

The effective control for "Plant Yellows" or chlorosis due to certain chemical soil deficiencies.

GEENLEAF . . .

- Revives Unhealthy Plants
- Restores Natural Leaf-Color
- Loosens the Soil
- Improves Fertility

Greenleaf is a valuable corrective for alkaline soils.

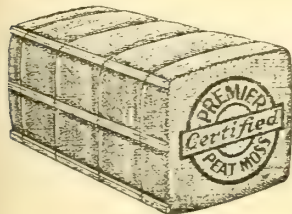
Cat. No. h4004—10 lbs., \$1.00; 25 lbs., \$1.75; 100 lbs., \$6.00. Full directions included with each order.

IRON SULPHATE

Iron Sulphate is a good corrective for alkaline soils.

n4006 Crystals for plants, shrubs, trees.

n4007 Snow Form for lawns. 10 lbs., 90c; 25 lbs., \$1.75; 100 lbs., \$6.00.



PEAT MOSS

f4010 Peat Moss is one of the most efficient means of adding humus to the soil. It creates a loamy condition which aids the penetration of air and water. Bale, \$3.75.

d4012 SANI-SOIL

A soil insulating mulch which maintains more even soil temperature, protects young plants from frost-heaving, saves water in hot weather, reduces weeding and the need for cultivation and promotes vigorous healthy growth. 25-lb. bags (about 3 cubic feet). Per Bag, \$1.25.



n4014 PLANTABBS

Use Plantabbs for all indoor, potted plants. A complete, balanced plant food of the high analysis 4-12-18, plus Vitamin B₁ in each tablet.

30 tablets	\$.25
75 tablets	.50
200 tablets	1.00
1000 tablets	3.50



TRANSPLANTONE

PATENTS PENDING

Reduces Loss in Transplanting

n4021—Most plants stop growing for a time if they are moved or transplanted. Transplantone is formulated to supply the plant with the chemicals which stimulate root formation and growth at this vital period. It is not a fertilizer. ½ oz., 25c; 3 oz., \$1.00; lb., \$4.00.

ROOTONE

Reg. U. S. Pat. Off.

Improves Rooting of Cutting, Seeds and Bulbs

n4020 Rootone is not a fertilizer or plant food. Rootone hormones improve rooting of cuttings, seeds and bulbs; make heavier grass turf, cause faster germination of seeds, increase plant growth, and reduce wilt. ¼ oz., 25c; 2 oz. jar, \$1.00; lb. can, \$5.00; 10 lbs., \$45.00.



FRUITONE

Stops Premature Drop of Flowers—Fruits—Leaves

n4018 Fruitone produces larger crops on beans—better set of berries on certain shrubs and fruits—seedless tomatoes and lessens the premature drop of apples. 2/5 oz. packet 25c; 2 oz., \$1.00; 12 oz., \$5.00.

FERTILIZER SPREADERS

LAWNETTE Applies Lawn Pest-Go, Lawn Seed, or Vigoro



k3000-115

	Spread	Capacity	Shipping Weight	Price
k3000-15	14"	15 lbs.	11 lbs.	3.75
k3000-115	16"	30 lbs.	23 lbs.	8.50
k3000-215	24"	75 lbs.	50 lbs.	20.00
k3000-315	36"	115 lbs.	65 lbs.	26.50

n3005 E-Z SPREADER

Economical — Efficient

Made of tough cardboard with metal wheel-rims. \$1.25 each.

n3529 Rotenone Garden Spray (NNOR)

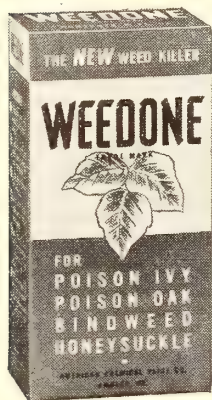
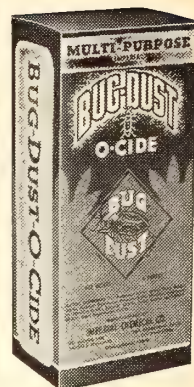
A liquid rotenone concentrate. It penetrates the waxy or hairy covering on the insect's body, bringing the tremendous power of Rotenone Garden Spray into action. Kills most common garden bugs of both chewing and sucking types. 1 oz. (makes up to 6 gallons of spray), 35c; 6 oz., \$1.00; 16 oz., \$2.15; 1 gal., \$13.50



BUG-DUST-O-CIDE

Multi-Purpose

n3528 BUG - DUST-O-CIDE is effective against both chewing and sucking insects which attack cabbage, tomatoes, potatoes, beans, cucumbers, strawberries, roses and many other plants. It also controls powdery mildew and black spot. Bug-Dust-O-Cide is ready to apply. No muss — no fuss—no mixing.



WEEDONE

TRADE MARK

Catalog No. n3550

Sizes	Prices
6 oz. bottle.....	\$ 1.00 each
makes 5 gal. spray	
1 qt. bottle.....	3.00 each
makes 25 gal. spray	
1 gal. bottle.....	10.00 each
makes 100 gal. spray	
5 gal. can.....	7.00 per gal.
makes 500 gal. spray	
54 gal. drum.....	6.00 per gal.

The Original and Unsurpassed 2.4D Formula

KILLS RIGHT TO THE ROOT TIPS

1. Weedone kills the entire plant.
2. Does not corrode metal spray equipment.
3. Does not leave a residue on plants that is hazardous to humans, live stock or pets.
4. Does not permanently sterilize the soil.
5. Non-explosive.

USE WEEDONE FOR KILLING WEEDS, on farm or ranch . . . in lawn or garden.

new Lawn PEST-GO



25 lb. bag, \$2.00; 100 lb. bag, \$6.00.

m3548
READY TO SPREAD
needs no mixing

The Effects of Lawn PEST GO lasts from 2 to 5 years. A 100 pound bag treats 1000 sq. ft. for crab grass or 2500 sq. ft. for worms and grubs only.

PLANT BANDS (Wood Veneer)

Ready-to-use. There are no tacks to drive, no folding corners. Set side by side in flats.

Size	Shipping Weight Per 1000	Per 100	Per M
h4110 2x2x2½	15 lbs.	\$.65	\$5.00
h4111 2½x2½x3	20 lbs.	.75	5.85
h4112 3x3x3	21 lbs.	.80	6.00
h4113 4x4x3	40 lbs.	1.00	8.00

Write for quantity prices.

PRICES	
1-lb. Duster pkg.	\$.50
2½-lb. Comb. & Gun	1.00

COMMERCIAL SIZES: 3 lbs., \$1.00; 5 lbs., \$1.60; 10 lbs., \$3.00; 25 lbs., \$6.95; 50 lbs., \$12.00; 100 lbs., \$20.00.

- f3530 Blackleaf "40"—5 oz., \$1.05; 1 lb., \$2.42; 2 lbs., \$3.57; 5 lbs., \$6.70; 10 lbs., \$11.65.
e3021 Cyanogas Foot Pump Duster—\$7.00 ea.
m3531 Cyanogas "A" Dust—5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00.
m3532 Cyanogas Ant Killer—4 oz., 30c.
c3545 Derocide "75" Dust (.25% Rotenone)—50 lbs., \$7.00.
k3549 Dusting Sulphur — 10 lbs., 80c; 25 lbs., 1.75; 50 lbs., \$3.25; 100 lbs., \$6.00.
m3534 Kryocide Spray—1 lb., 40c.
m3535 Kryocide C (with copper fungicide)—1 lb., 55c; 3 lbs., 85c.
f3572 Dry Lime & Sulphur—5 lbs., \$1.47; cs. 50 lbs., \$5.25.
k3537 Napthalene Flakes—1½ lbs., 35c; 10 lbs., 95c; 25 lbs., \$2.15.
e3538 Nico Dust No. 10—25 lbs., \$5.20; 50 lbs., \$9.75; 100 lbs., \$18.05.
e3539 Nico Dust No. 10 F (Contains free nicotine)—25 lbs., \$5.50; 50 lbs., \$10.50; 100 lbs., \$19.75.
h3542 Paradow (Packed in air tight containers)—1 lb., 55c; 10 lbs., \$3.00; 100 lbs., \$22.50.
h3544 Paris Green—4 oz. 18c; 1 lb., 52c; 5 lbs., \$2.35.
k3543 Tartar Emetic—1 lb., \$1.05; 5 lbs., \$4.50.

CORONA SHEARS

Fine tools with an enviable reputation among gardeners and orchardists.

n3026-8 Calkins Hand pruner	\$3.95
n3027-800 Calkins "Pro" Hand Pruner	5.25
n3028-4 Garden pruner	1.50
n3029-21S Straight blade grape shear	1.50
n3030-21C Curved blade grape shear	1.50
n3031-T Long handled pruner	
sizes 20", 26" and 32"	5.50
n3032-19 California Utility Shear	.39



3026-8



3027-800



3028-4



3030-21C

Prevent Pest Damage with ORTHO Garden and Home Products

MULTI-PURPOSE SPRAY SET

m3500 For Use Against

More Prevalent GARDEN INSECTS

Set contains 4-ounce bottle of EXTRAX Insect Spray, GREENOL Liquid Fungicide and VOLCK Oil Spray. Mix all 3 sprays in the same water and in one application treat against many insects and diseases in the garden. Set makes 25 gallons combination spray at normal dilution

\$1.85



MULTI-PURPOSE BAIT

For Use Against

PRINCIPAL FORAGING PESTS

m3515—Bug-Geta Pellets for slugs, cutworms, snails, earwigs, grasshoppers, strawberry root weevil. Baiting against these pests is easy with the new BUG-GETA PELLETS Compressed BAIT. (A Metaldehyde-Arsenical Bait.) 5000 baits in a 2 pound carton.

12-oz. Carton...25c 5-lb. Carton...\$1.00
2-lb. Carton...50c 25-lb. Bag...\$3.60



MULTI-PURPOSE DUSTS

m3501 BOTANO Garden Dust. For use against many insects and diseases. Preferred by many, particularly for vegetables.

One of the safest multi-purpose dusts that can be used. 10-oz. size is Dual Purpose package which also serves as handy garden duster. (Contains ROTENONE)

10-oz. Duster...49c 1-lb. Pkg. ...\$1.50
4-lb. Pkg. ...\$1.10

m3502 CALTOX Garden Dust "525". Used throughout the garden, but especially useful on Tomatoes, Potatoes, Cucumbers, Squash, and Melons, against Flea Beetle, Diabrotica or Cucumber Beetle, Potato Beetle, Tomato Worm, Late Blight. Contains Cryolite, Copper and Zinc.

10-oz. Dual Purpose package...49c
4-lb. Pkg. ...\$1.10

OIL SPRAYS

m3505 VOLCK Oil Spray. Envelops, wets and smothers many sucking insects such as certain Scale Insects, White Fly, Mealybug, and Red Spider. Also a spray carrier for other sprays.

4-oz. Bottle...25c 1-pint Bottle...50c
1/2-gallon can \$1.25 1-gallon can \$2.25

m3504 KLEENUP Winter Spray. An emulsive Oil Spray for use against certain Scale Insects during dormant season. Use with Bordeaux Mixture.

1-pint Bottle...39c 1-gallon can \$1.00
5 Gallons ...\$4.95

ANT CONTROL



m3507 ANT - B - GON Ant Poison. Four to 8 Dispensers are enough for average home. Easy to refill. Ants feed from "WICK" ... Can't get inside. For Argentine and Sweets-eating ants.

Set of four 1-oz. Dispensers...60c
Ant Poison to refill dispensers:
4-oz. Bottle...20c 1 pint...50c
1/2 gallon...\$1.50

SOIL INSECTS

m3517 ORTHO Soil Fumigant. A new "ORTHO" development designed to control certain soil inhabiting insects which attack roots. Used primarily against garden Centipedes, Cabbage Maggots, Onion Maggots.

4-oz. Bottle...35c 1 pint...\$1.00

INSECTICIDES

m3508 EXTRAX Insect Spray. Kills by contact. Used against many sucking and chewing insects such as Aphis, Beetles, Caterpillars, Thrips, on Vegetables and Ornamentals. Economical ... General dosage is one teaspoonful to gallon of water.

1-oz. Bottle...\$.35 1 Pint...\$2.75
4-oz. Bottle...\$1.00 1/2 Gallon...\$7.95

m3503 CALTOX Insecticide Dust. Contains Cryolite and Thiocyanates. Used against Diabrotica and certain other Beetles, Worms, Sowbugs.

8-oz. Shaker...35c 20 ozs. ...60c
4 lbs. ...\$1.10

NEW DDT SPRAY

m3509 PEST-B-GON DDT Spray. Contains 20% DDT, the new insecticide that played such an important role in World War II. Use in the garden and also around barns, poultry houses, dog kennels, outbuildings, basements, against many Beetles, Worms, Thrips, Leafhoppers, Weevils ... Ants, Fleas, Mosquitoes and certain other insect pests.

4-oz. Bottle...\$1.00

m3523 ORTHO Lead Arsenate. A stomach poison for use as a spray or dust to control chewing insects such as certain Beetles, Caterpillars (as Oak Moth), Worms on Apples, Pears and other plants, and Sod Webworm in lawns.

1 lb...35c 4 lbs...75c

m3506 ORTHO Calcium Arsenate. A strong stomach poison suitable for spraying or dusting.

1 lb...25c 4 lbs...60c

m3510 EAWORMCID. To keep worms out of sweet corn, make one treatment when silk begins to wilt. 2 ozs. treats 60 ears.

2-oz. Bottle with applicator...35c

PRUNING PAINT

m3514 CONTAX Pruning Paint. Protect cuts and tree wounds with this modern plastic pruning and grafting composition. Also has many other uses.

1 pint...35c

DOG REPELLENT

m3522 SCRAM Dog Repellent. A special powder used to keep dogs away from shrubs, flowers, lawns, store fronts, porches, etc. Easy to use. Does not harm animals.

8-oz. Shaker...49c



FUNGICIDES

m3511 GREENOL Liquid Fungicide. A copper fungicide used to prevent Powdery Mildew. Contains spreading and wetting agents and mixes with EXTRAX Insect Spray for making a combination treatment against insects and diseases.

1-oz. Bottle...35c 4-oz. Bottle...60c
1 pint...\$1.50 1/2 gallon...\$3.95

m3512 "ORTHO" BORDO Mixture. Prepared Bordeaux Mixture used to control fungus diseases such as Peach Leaf Curl, Peach Blight, Pear Scab.

1 lb...35c 4 lbs...55c

m3513 FLOTOX Garden Sulfur. Finely powdered ... Used either as a dust or spray to control Powdery Mildew, Scab and certain other diseases.

26 ozs. ...25c 4 lbs...50c

m3516 ORTHO ROSE SPRAY KIT

Special Combination Offer. Contains 2-oz. bottle "EXTRAX" for Aphis and other insects and 2-oz. bottle "GREENOL" to prevent certain Powdery Mildews. Makes 12 gallons spray. Used for vegetables too.

Each Kit...\$1.00



WEED KILLERS

m3518 TRIOX Weed Killer. Poisons soil and prevents weeds from growing. Use on driveways, walks, and other places where no vegetation is wanted.

1/2-gal. Can \$1.50 1-gal. Can...\$2.25

EARWIGS

m3519 ORTHO Earwig Bait. Prepared on a government formula. Earwigs can become a menace to health through food contamination and should be controlled at first sign of an infestation. First brood usually appears in April, May or June.

2 1/2 lbs. ...50c

RODENT CONTROL

m3520 ORTHO Rat Bait Pellets. Ready-to-use Red Squill Bait which are relatively harmless to humans and domestic animals. Poisoned Rats seek underground burrows before dying.

2-oz. Carton...25c 6-oz. Carton...50c

m3521 ORTHO Rodent Destroyer. Kills Gophers, Squirrels, Prairie Dogs, Rats, Mice. This bait is poisoned with strychnine by a special solvent process to assure lasting potency.

6-oz. Carton...30c 1-lb. Carton...60c
5-lb. Carton...\$2.25



All-Leather - Dirt Proof - Durable - Soft Comfortable - Washable

Easy on the hands and easy to wear!

Economical, too—outwear six pairs of ordinary fabric gloves, are washable and can be used the year round for garden, housework, yard, painting, furnace, garage, etc. You'll like them.

n4082 Ladies': Small, Medium, Large \$1.00 ea.
Men's: Small, Medium, Large \$1.00 ea.



RUBBERIZED FABRIC GLOVES

Liquid-proof
Snag-proof
Dirt-proof

Long wearing and highly resistant to oils, solvents and chemicals.

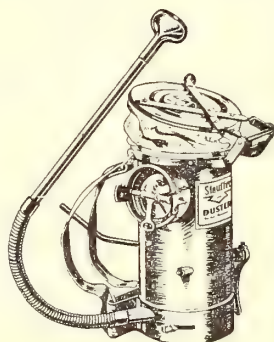
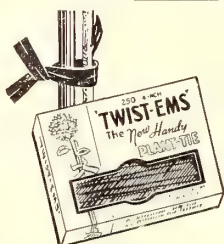
n4080-909 Men's Knit Wrist 98c pr.

n4081-922 Men's Gauntlet \$1.25 pr.

TWISTEMS "ARE BACK"

Handy - Strong - Green Colored—Just a twist of the wrist and Twistems properly support your plants.

n4085 Box of 125
8 inch tapes 25c



Dust the EASY Way with the STAUFFER Knapsack DUSTER

h3019 STAUFFER Knapsack DUSTER (above right)—Can be used for all dry dusting. Hopper capacity 20 lbs. Shipping weight 21 lbs. Price each \$26.50

HUDSON ADMIRAL DUSTER
n3065-766 (above left)—Will apply any dust insecticide. Chamber 2 3/4 x 4 1/2 inches. Each \$1.70 (Add 10c for mailing.)

SOIL SOAKER

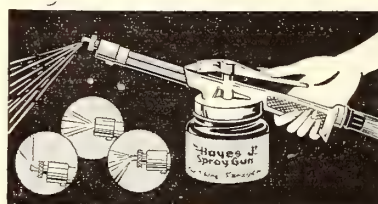
Ideal for narrow parking and traces — prevents soil washing. Porous tubes made of canvas—treated to resist mildew. Water oozes uniformly through the pores of the entire surface.

n4078-0	12 ft.	\$1.40 ea.
n4078-1	18 ft.	1.90 ea.
n4078-2	30 ft.	2.90 ea.
n4078-3	50 ft.	4.75 ea.

INSECTICIDE SPRAYERS

n3017 HARCO

Handy, one quart capacity sprayer for cleaning up small infestations. Very easy to operate and makes a fine mist-like spray. Especially fine for house plants and small gardens. each \$2.35.

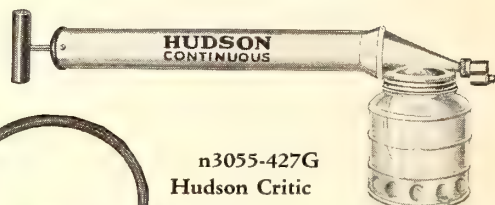


n3015 Hayes Jr.

Mixes three gallons of spray at a time. Handles liquids and most wettable powders. Operates on hose with water pressure from 30 to 175 pounds. Each \$5.95.

n3016 HAYES-ETTE FOR THE SMALL GARDEN

Efficiently does the work of many larger sprayers. Mixes up to 1 1/2 gallons. Handles all liquid insecticides free from soaps. Operates on garden hose with water pressure from 20 to 150 pounds. Each \$2.95.



n3055-427G Hudson Critic

Nu-Action Continuous pump with brass head, syphon tube and adjustable nozzle. Detachable glass jar, holds 24 ounces, is easily filled or cleaned. Contents can be instantly determined. The finest household or garden sprayer. Shipping weight 2 lbs. Price \$1.40 each.

n3056-235G Hudson Climax
High pressure, 3 1/2 gallon capacity, open top, galvanized steel tank. Each \$7.85. Shipping weight 10 pounds.

n3057-192G Hudson Leader
Galvanized tank, 3 1/2 gallon capacity, funnel top. Shipping weight 9 pounds. Each \$6.40



AEROIL WEED BURNER

Agriculturists the world over use the famous No. 99 burner. Its powerful flame, 2000° F., kills weeds, insects and their eggs, parasites and germs in coops and barns, burns out stumps, chars fence posts, heats tar, heats pipe and iron for light blacksmith work and numerous other purposes. Burns kerosene. Average fuel consumption 1 gallon per hour. Simple and safe to operate.

f3100-99 Senior—Shipping weight 21 lbs. each \$21.00
f3101-99 Giant—Shipping weight 30 lbs. each \$26.00

GROW EARLIER CROPS

h4025

GERMACO HOTCAPS

Strong individual hothouses protect early set plants from frosts, storms and insects. 12 inches in diameter and 6 inches high.

Pkg. of 25 with paper setter \$.50

Pkg. of 100 with Fiberboard setter 1.95

Pkg. of 250 with Fiberboard setter 3.50

Carton of 1,000, weight 28 lbs. 11.00

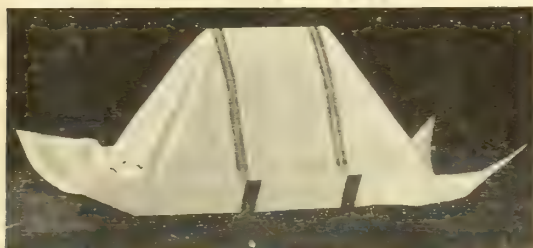
5,000 (5 cartons), per M 10.75

h4027 Fiberboard setter .15

k4026 Metal Setter 1.35



GERMACO HOTTENTS



f4028 GERMACO HOTTENTS

A superior plant cover with more space for air and plant development. Its extra large base flap carries more soil and holds the cover more securely.

Price, 500 (1 case), \$8.00; 1,000 (2 cases), \$15.00; f.o.b.

Salt Lake City. Shipping weight 35 lbs. per case.

k4029 Metal Hot Tent Setter \$1.50

k4030 PAXCO HOT HOUSES

Cone shaped, 12 inches in diameter at the base, 14 inches. high. Shipping weight 35 lbs. per 1000. Price per 1000 \$13.50

k4031 Metal Hot House Setter \$1.60 ea.



SHATTER PROOF

WEATHER PROOF

Admits over 60% of ultra violet ray.

Cat. No. m4034

Prices

50 ft. roll, 36 in. width, wt. 6 lbs. \$ 9.25

150 ft. roll, 36 in. width, wt. 15 lbs. 27.50

Broken rolls, per lineal foot .20

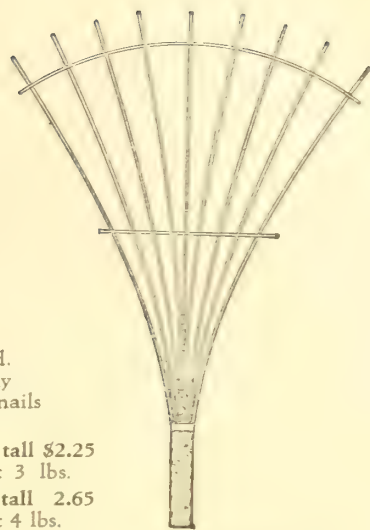
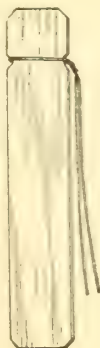
Wood Pot Labels

	Price per 100	Price per 1000
n4055 4 inch	\$.30	\$2.50
n4055 5 inch	.35	2.85
n4055 6 inch	.40	3.10
n4055 8 inch	.65	5.00
n4055 10 inch	.95	8.00
PAINTED		
n4056 4 inch	.40	3.00
n4056 5 inch	.45	3.40
n4056 6 inch	.50	3.75
n4056 8 inch	.70	5.50
n4056 10 inch	1.10	9.50

Tree Labels

3 1/2" Wired

	Per 100	Per M
n4057 Plan	\$.40	\$2.75
n4058 Painted	.50	3.25



New REDDY TRELLIS

Made of Giant California Redwood. Only 3 pieces easily assembled without nails or tools.

n4062-9-P-6 6 feet tall \$2.25

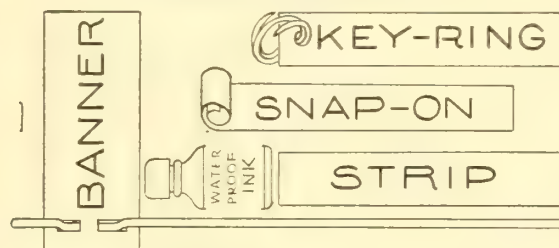
Shipping weight 3 lbs.

n4062-9-P-8 8 feet tall 2.65

Shipping weight 4 lbs.

LINCOLN PLASTIC PLANT MARKERS

And Waterproof Indelible Ink
Withstands All Weather Conditions
Insures Permanent Record



For Bulbs, Plants and Flowers

n4036 Banner Markers	25	100	200	500
1 1/8" x 2 1/2", 12" wire stake	\$1.15	\$3.90	\$6.80	\$17.00

For Shrubs and Trees

Easily attached; expand as plants grow.

n4037 Snap-On	25	50	100
1/2" x 3"	1.50	2.50	4.50
n4038 Key-Ring (3/4" Rings)			
3/4" x 3"	1.50	2.50	4.50
1" x 4"	1.75	3.25	6.00

For Attaching to Wooden Standards

n4039 Strip Labels	100	200	500	1000
3/4" x 3", List	1.80	3.20	7.00	12.00
1" x 3", List	2.00	3.60	8.00	15.00

n4040 Waterproof Indelible Ink

Apply with ordinary steel pen.

Bottle \$.15

Brandt's All-Metal Markers

Will not corrode. All wire stakes are about 18 inches in length.

n4042-B-200	each	25c
n4043-B-201	each	3 1/2c
n4044-B-202	each	6c
n4045-B-203	each	5c
n4046-B-204	5 for	5c
n4047-B-205	4 for	5c
n4048-B-206	3 for	5c
n4049-B-207	2 for	5c
n4050-B-208	each	10c
n4051-B-209	each	10c
n4052-B-210	each	3 1/2c
n4053-B-211	each	3 1/2c



HYBRID FIELD CORN

Sow in drills 3 feet apart, using approximately 15 pounds of seed per acre.

FOR GREATER YIELDS ON FEWER ACRES WITH LESS HELP

Hybrids are superior because of their resistance to drouth, uniformity of growth, stiffness of stalks and increased yields, amounting to as much as 25%.

f2502 PORT-WALCO HYBRID No. 100

The New Leader

Without a peer in a Medium Maturing Hybrid for the particular Farmer. It matures grain in about 110 days and is the most outstanding of the many new Hybrids tested by us last year. We are so impressed with its performance that we safely predict it will out strip in every way, even the remarkable performance of the now well known Hybrid U. S. 52. It is a prodigious yielder of good solid corn under a wide range of soils and climatic conditions. The ears are long and thick with very little taper which makes for a large yield in grain. It is a strong and vigorous grower, producing tall succulent stocks. Then too, the ears are set at a good height so there is little or no stock breakage. You will be liberally rewarded for planting a good acreage of this splendid new variety.

Price (packed in bushel bags) \$9.75 each.

f2504 US 52—Our Main Crop Hybrid

Matures in about 110 days. Plants are very tall and lodge resistant. Ears are large, smooth, somewhat tapering, with 16 to 18 rows of medium depth grain. Adapted over a wide area and an excellent yielder. On good soils, it is a general all-purpose hybrid. U.S. 52 has given the best results in the experiments by the U.S.A.C. at Logan, Utah, with a large number of hybrid corn varieties.

Idaho Grown (packed 100 lbs. per bag)—\$14.00 per cwt.

f2506 Ohio M15—Our Early Hybrid

A special boon for higher elevations and shorter season areas. It's a heavy yielder and the earliest of the Ohio Hybrids, maturing in 90 to 95 days, producing an abundance of medium sized, deep grained ears, and a wealth of fodder. We believe this is one of the best early producing hybrids on the market today.

Ohio Grown (packed in bushel bags)—\$8.00 per bu.

f2508 P.-W.'s Utah Hybrid

Medium early maturing (90 to 100 days)—Also a splendid variety for higher elevations or short season areas.

STANDARD OPEN POLLINATED CORNS

f2510 Australian White Flint—Heaviest yielding of the Flints, and one of the earliest, maturing in about 75 days. Stalks of medium height bear large 12 row ears.

f2512 Minnesota No. 13—The leading all-around open pollinated variety. A 90-day Yellow Dent corn, acclimated to this area. It is the heaviest producer of the medium early field corns. Plants grow 7 to 8 ft. tall, bearing ears 9 to 10 inches long. Kernels are medium depth and 16 to 18 rows per ear. Yields average about 90 bushels per acre. Makes splendid ensilage.

f2514 Minnesota No. 13 Extra Early Strain—This early strain has the same characteristics as the regular Minnesota No. 13 except the ears are slightly smaller, the stalks are about one foot shorter and it matures a week to ten days earlier. Since its introduction in 1921 it has become an important variety for sections where shorter seasons prevail.

f2516 Northwestern Red Dent—Being both frost and drought resistant, Northwestern Red Dent is one of the



It's a four-way cross (the last being made here in the Rocky Mountains), and combines the better qualities of each of the parent stocks. It is primarily a grain producing type making it especially valuable to dairymen and poultrymen. The well-filled ears each have from 16 to 20 rows of deep yellow medium depth kernels. Price, 13.00 per 100 lbs.

best kinds for the short seasons of the high foothills. It is a heavy cropper and matures in 75 to 90 days.

f2518 Pride of the North—Matures in 80 to 90 days. A tall-growing Yellow Dent with luxuriant foliage, and vigorous grower. Ripens early, yielding 75 to 85 bushels per acre. Very fine ensilage as well as for dry corn.

f2520 Improved Leaming—100-110 days. It will grow more tonnage to the acre than any other open pollinated variety we know. Leaming makes a very heavy foliage, making it especially good for silage purposes. The ears and kernels are a little larger than Minnesota 13. Produces good yields of grain.

Prices f.o.b. Salt Lake City

f2510 Australian White Flint	.12	.11	\$10.00
f2512 Minnesota No. 13	.10½	.09½	8.50
f2514 Extra Early Minn. 13	.10½	.09½	8.50
f2520 Improved Leaming	.10½	.09½	8.50
f2518 Pride of the North	.10½	.09½	8.50
f2516 Northwestern Red Dent	.11½	.10½	9.50

SEED GRAIN

Important Source of Food in War or Peace.

Barley

c2522 Trebi—An excellent feed variety, recommended for the lands of the Rocky Mountain area, heavy yielder. Where grown under irrigation, it qualifies as a malt barley.

c2521 Improved Club (certified)—A hardy type released leased for planting in 1937. It is highly resistant to covered smut and has a smooth awn, which greatly increases its value as feed. Velon has the desired large, plump, white-colored kernels, the yield generally surpassing other varieties. Prices see below.

c2521 Improved Club (certified)—A hardy type released by the Utah State Agricultural College. Large yields are produced in this area. Crops of 115 bushel per acre have been produced from Spring sowings under irrigations. Club threshes out easier than Velon. Heads bear six rows of kernels on a stiff straw. See below for prices.

Oats

c2530 Swedish Select—The grain is plump, white, and very heavy. The quality of the oats produced in the Rocky Mountains is unsurpassed. Prices see below.

Plant More Corn for Dairy Cows

We suggest planting extra acreage of green fodder Corn for a food supplement during hot dry weather when pastures are not producing sufficiently. The larger remaining part of the crop matured and prepared as ensilage of course has the greater amount of actual food value for winter feeding.

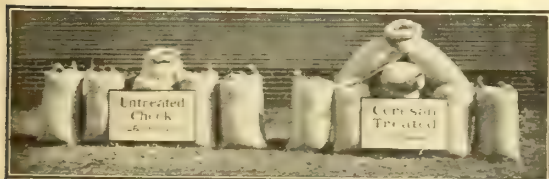
For Larger and Better Yields
Plant the record making new
"PORT-WALCO No. 100"

(see page 70)



k3050 CYCLONE SEED SOWER

A good large sower that meets the most exacting demands. Hangs by strap over shoulders of operator. Hopper-sack has 1½ bu. capacity. Broadcasts evenly all varieties of grain and grasses. Wt., 4 lbs. Price—Each, \$2.75. If by mail, add 25c ex. for post.



f3575 NEW IMPROVED CERESAN

This economical ethyl mercury phosphate dry disinfectant usually controls certain smuts and other diseases carried on seed barley, oats, rye, wheat, sorghums, millers, flax, peas.

1-lb. can\$.80
4-lb. can 2.70
25-lb. pail 15.00

½ ounce treats a bushel



Spring Wheat

c2550 Dicklow—Is a late maturing spring wheat. The kernels are soft and somewhat flattened. It has out-yielded all other varieties except Federation on the irrigated lands of Southern Idaho and Northern Utah. This grain is in demand by millers for making biscuit and pastry flour. Prices see below.

c2552 Federation—Is a short, fairly early spring wheat. The kernels are white, rather short, and usually soft. It has replaced almost all other spring varieties.

c2554 Lemhi—A variety which is rapidly replacing Dicklow. Its superiority is due to the fact that it has the milling quality of Dicklow combined with the stiff straw and high yielding ability of Federation. Lemhi will not lodge nor shatter as easily as other Spring Wheats. See below for prices.

PRICES ON SEED GRAINS

All f.o.b. Salt Lake City

All Stock offered below has been Treated with Ceresan

	Bag Lots Per Cwt.	Ton Lots Per Cwt.
c2521 Barley Improved Club, Certified	\$4.20	\$4.00
c2523 Barley Trebi, Select Grade	3.50	3.30
c2522 Barley Trebi, Certified	4.35	4.15
c2525 Barley Velvon, Select Grade	3.50	3.30
c2524 Barley Velvon, Certified	4.20	4.00
c2531 Oats Swedish Select Grade	4.20	4.00
c2530 Oats Swedish Certified	4.50	4.30
c2550 Wheat Dicklow, Certified	4.20	4.00
c2552 Wheat Federation, Certified	4.20	4.00
c2554 Wheat Lemhi, Certified	4.20	4.00

ABOUT PRICES—Since the market changes rapidly on Field seeds, the prices quoted herein are subject to change without notice. You are safe, however, in sending remittance according to these published prices. In case of decline the difference will be promptly refunded; if there has been an advance, you will be notified for your confirmation before shipment.



A Field of Swedish Select Oats

ALFALFA (LUCERNE)--Wonder Crop of the West



Crop of Alfalfa Hay

under adverse conditions but in favorable situations under irrigation it is a prodigious yielder. Sow 10 to 15 pounds per acre.

b2570 Utah Pioneer—Placed under certification in 1938. It was selected from two parent fields in Millard County which are known to be at least 60 years old without reseeding or breaking up. Preliminary experimental tests point to its resistance to wilt over Grimm or Common and other hardy varieties.

b2580 Grimm—This variety is especially recommended for shallow soils, those underlaid with hardpan, or where the water table is near the surface. The stems and leaves are of somewhat finer and leafier quality than common Alfalfa. It is susceptible to bacterial wilt and is not recommended for areas of severe infestation.

b2590 Ladak—Tests at nearly every Northern and Western Experiment Station show Ladak leading on tonnage, long life, drought-resistance, and winter hardiness. It has also shown marked resistance to bacterial wilt. Ladak makes an exceptionally heavy first and second crop but little third.

d2575 Argentine—Imported seed from South America similar to the common Utah strain.

b2560 Hardy Desert—This splendid variety is the selection from the far famed Utah Dry Land type, which is a "Northern or hardy strain." It produces even

CLOVERS FOR MEADOWS AND PASTURES

c2600 Alsike—Is recommended both for sowing with Timothy and also with the Red and Mammoth Clovers, as well as a hay crop by itself. It does not winter-kill. The use of Alsike Clover is increasing rapidly; cattle prefer it to other clovers. It is very fine for honey bees. Sow at the rate of six or eight pounds per acre; sown in mixtures, 5 or 6 pounds per acre is sufficient. Does best on damp soils—used in pasture mixture with grasses.

d2610 Hubam Clover (Richest honey producing clover)—This is an annual sweet clover which grows rapidly, attaining a height of 6-7 feet. It is very valuable for pasturage and hay when cut before it gets too old. As the flowers are rich in honey, it makes very good bee pasturage. It is also used to great advantage as a cover crop or for green manure. It should be planted in Fall or Spring. Sow 12-15 pounds per acre.

e2620 Ladino Clover is regarded as a large form of the common White Dutch Clover and like the latter is a long-lived perennial. Its growth, however, is larger and more luxuriant. When the leaf growth has been grazed off, new leaves develop quickly, complete recovery occurring in 17 to 28 days. It is strictly a crop for irrigation. Sow in Fall or Spring at the rate of 7 to 8 lbs. per acre.

c2630 Medium Red (Trifolium Pratense)—Is a dependable, all-around variety for farmers and stockmen. It makes two hay crops each year. Sow either in the Spring or Fall at the rate of 15 pounds to the acre. It is good in pastures either alone or with some grass as a companion crop. It is replacing alfalfa in heavy wilt-infested areas.

f2640 Strawberry Clover (Tall Variety)—It is similar to Ladino but has proved to be much hardier. The flower resembles White Dutch Clover, but is pink. The foliage is similar to White Clover, having creeping runners, strawberry fashion, establishing new plants wherever the nodes contact the soil. It has proved particularly adaptable to alkaline and wet soils. Several observations have been made of this clover growing in fields of salt

grass pasture. It is much in demand as a pasture crop because of its palatability. Livestock relish it and pass up other clovers and grasses wherever Strawberry Clover is available. Sow 4-6 pounds per acre.

f2650 White Dutch Clover—Is a long-lived perennial legume, spreading by creeping stems that root at the nodes. When grown in mixtures with grass. It increases the carrying capacity of the pasture and provides a nutritious acid palatable feed. White Clover, like all other clovers, thrives best under cool moist growing conditions.

SWEET CLOVER

e2660 White Blossom (Melilotus Alba)—Its value in the redemption of alkali lands cannot be over-estimated. It grows in a variety of soils—heavy, light, wet or dry, almost anywhere, except in acid soil. Sow 10 to 14 lbs. per acre. It is often used for a green manure crop because of its quick prolific growth.

e2666 Yellow Blossom (Melilotus Officinalis)—It is finer in the stalk and more palatable when mature than White Blossom Sweet, and has the same soil adaptation. Its refinement of stalk and palatability make it a good pasture and hay crop.

Alfalfa and Clover Seed Prices

f.o.b. Salt Lake City

On orders for less than 10 lbs. add 1c per lb. to the 10 lb. rate.	10-24	25-99	Bag
	lbs.	lbs.	lots
	per lb.	per lb.	100 lbs.
b2560 Alfalfa, Hardy Desert	.50½	.49½	\$48.40
d2575 Alfalfa Argentine	.41	.40	39.00
c2600 Alsike (99.80 + pure)	.44¾	.43¾	42.75
d2610 Hubam (fancy grade)	.28	.27	26.00
e2620 Ladino (fancy grade)	2.10	2.05	200.00
c2630 Medium Red (99.40 pure)	.47	.46	45.15
f2640 Strawberry (extra fancy)	1.85	1.80	175.00
d2660 Sweet White Blossom	2.1½	2.0½	19.50
e2666 Sweet Yellow Blossom	.21	.20	19.00
h2667 Mixture White Dutch 62% ; Alsike 36%	.84	.82	80.00
h2650 White Dutch (99 + pure)	1.55	1.50	145.00

BETTER PASTURES FEED MORE CATTLE

PASTURE PALATABILITY

The most recent trend of study and experimentation with dairy pastures has made possible the classification of various grasses and legumes according to their palatability.

Close observations of 36 different pasture mixtures in one field, revealed which species were most readily grazed. A very important fact is that as soon as the most palatable forage was entirely consumed milk production declined, even though quantities of highly productive but less palatable grasses and legumes were still available.

Our new pasture mixtures are designed to produce more palatable forage and thereby maintain milk production at a more constant level.

Highest yields of forage as well as of milk are produced on pastures where a rotation system of grazing is followed.

IS YOUR PASTURE EARNING \$200 PER ACRE?

You can increase the production of the average pasture 100% by application of the following U.S. D.A. pasture management rules.

1. Fall plow land and work down in spring in firm, moist condition.
2. Use only clean seed of high germination.
3. Sow the seed to a depth of $\frac{1}{2}$ to $\frac{3}{4}$ inches (drilling is preferred).
4. It is safer not to use a nurse crop. If one is used, we recommend Barley at 40 to 50 pounds per acre.
5. Keep young plants well irrigated.
6. Do not graze the first year until mid-July or later.
7. Avoid over-grazing by dividing pasture land into several practical sections and follow a rotation system of grazing.
8. Pastures should be fertilized with 100 to 150 pounds of phosphate per acre every other year and 10 tons of manure per acre every third year.
9. Pastures should be harrowed both ways in early spring and late fall when droppings are soaked to prevent bunching of unpalatable forage the next year.
10. When bunches of unpalatable forage and weeds appear, pastures should be clipped with a mower.
11. Properly irrigated pastures need not consume more water than other irrigated crops.

NEW PASTURE MIXTURES

Formulated for HIGHER PALATABILITY
MAINTAINED PRODUCTIVITY
WIDE SOIL ADAPTABILITY

e2670 Mixture A. For well-drained irrigated land, or damp fertile soil.

	Amount lbs.
Smooth Brome grass	7
Orchard grass	5
Red Clover	2
Kentucky blue-grass	4
White Dutch clover	2
Alsike clover	2
Total per acre	22 lbs.

e2676 Mixture B. For Alkaline and wet soils.

	Amount lbs.
Red Top grass	3
Strawberry clover	2
Reed canary grass	4
White sweet clover	3
Meadow fescue	4
Smooth Brome grass	4
Total per acre	20 lbs.

e2678 Mixture C. For bench land with irrigation water.

	Amount lbs.
Smooth Brome grass	4
Orchard grass	3
Kentucky blue-grass	3
White Dutch clover	1
Alsike clover	2
Yellow sweet clover	2
Alfalfa	2
Total per acre	17 lbs.

e2680 Mixture D. For dry farms.

	Amount lbs.
Smooth Brome grass	3
Slender wheat	2
Crested wheat	4
Western wheat	2
Total per acre	11 lbs.

PASTURE MIXTURE PRICES

f.o.b. Salt Lake City
On orders for less than 10 lbs. add
1c per lb. to the 10 lb. rate.

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
e2670 Mixture A	\$.47	\$.46	\$45.00
e2676 Mixture B	.48½	.47½	46.50
e2678 Mixture C	.44	.43	41.75
e2680 Mixture D	.23	.22	21.00

EXTRA VALUES

FROM PASTURES

Pasture forage is not only the cheapest and best roughage for efficiency of milk production, but it also gives to milk certain additional qualities. Milk produced on pasture herbage is especially high in vitamins A, C and E. This milk also has a more favorable balance between its basic and acid salts. The highest score butter is made during the pasture season and cheese made from milk produced on pasture is likewise superior.

The finer flavor and aroma producing bacteria are stimulated in growth by the food elements supplied by green forage.



A well-managed pasture for dairy cows.

GRASS

For Range, Meadow and Pasture



A snapshot taken at our trial grounds at Centerville, shows Rodney Porter, foreman of our wholesale department, standing in Brome Grass with two rows of Crested Wheat in foreground.

e2700 Mountain Brome (*Bromus Marginatus*)

This stout perennial bunch grass is very common between the altitudes of about 5,000 and 10,000 feet. It has a very wide range of soil adaptations, varying from fairly moist loamy soils, where the best growth is made, to fairly dry, gravelly soils. Mountain Brome Grass, when young, is grazed closely by all classes of livestock. Where it can be cut for hay, it makes a very fine feed for horses and cattle.

It is an exceptional grass for the reclamation of land inaccessible to farm machinery, as good stands may be obtained by broadcasting on areas where seedbed preparation is not possible. Sow either Spring or Fall at the rate of 10 to 20 pounds per acre.

e2710 Smooth Brome Grass (*Bromus Inermis*)

Smooth Brome is one of the outstanding grasses for the Intermountain area, being well adapted to arid regions where rainfall is relatively low. It is the most palatable of all the important grasses, even surpassing the well-known Kentucky Blue Grass in this respect. Smooth Brome is a long-lived perennial with numerous creeping root stalks which form a dense heavy sod, making it capable of standing much abuse as a pasture grass. Brome thrives especially well on a rich, loamy soil; but in the wild state it grows in dry, gravelly soils, or even in pure sand. Recent experiments have shown it to succeed in alkali soils.

The stems attain a height of from two to three feet. Two cuttings of hay are generally obtained in a season, yields ranging from one to four tons per acre. After the third or fourth year Brome often becomes sod bound. This condition may be overcome by discing or shallow plowing. Brome can be sown either in Spring or Fall, preferably on a well prepared, firm seedbed at the rate of 10 to 20 pounds per acre. Drilling is preferable to broadcasting, wherever possible.

About Prices

The prices quoted herein are subject to market changes. You are safe, however, in sending remittance according to these prices. In case of decline the difference will be promptly refunded; if there has been an advance, you will be notified for your confirmation before shipment is made.

e2730 Kentucky Blue Grass

One of the best pasture grasses. It begins growth early and remains green very late in the fall. It is extremely resistant to cold. Kentucky Blue Grass does best on well drained loams and clay soils rich in humus. Sow 30 pounds per acre.

e2740 Meadow Fescue

An excellent grass for pasturage when planted alone or in combination with other grasses and clovers. It is a tufted, deep rooted, long-lived perennial, growing to a height of 15 to 30 inches. The leaves are bright green and very succulent, supplying palatable forage from early spring until in the late fall. Yields average two tons per acre. Sow in the Spring or Fall at the rate of 20 to 30 pounds per acre.

e2750 Orchard Grass (*Dactylis glomerata*)

This very early pasture grass, furnishes feed at least three weeks before most other grasses. Even after close grazing, a ten-day interval is sufficient for another growth. It makes a heavy sod and gives splendid pasture until late in the Fall. Withstands drought and is very hardy; It grows in tufts and can be sown, if desired, with Red Clover and Alfalfa. When planted alone, sow at the rate of 20-25 pounds per acre.

e2760 Perennial Rye Grass

Perennial Rye is a most desirable grass for pastures, its chief value being as an ingredient for permanent pasture mixtures. It forms a close, heavy sod and recovers quickly after being grazed. The value of this grass on alkali soils cannot be over-emphasized. Perennial rye attains a height of 1½ to 2 feet, the blades are narrow. It is a rapid grower, establishing itself very quickly. The hay should be cut in the full-bloom stage. When seeded alone, sow at the rate of 20 to 25 pounds per acre in a well prepared, firm seedbed.

d2770 Poa Bulbosa (Bulbous Bluegrass)

A perennial grass which is one of the earliest available for pasturage. It makes excellent pasture either alone or when sown with alfalfa. It is often used to thicken up thin alfalfa stands, and when cut before it is too old, makes an excellent hay. This grass is relished by all kinds of livestock and has proven to be a very valuable feed for range cattle, sheep, horses, and other livestock.

e2780 Crested Wheat Grass (*Agropyron cristatum*)

It is wonderful ranch and range grass which grows earlier in the Spring and later in the Fall because of its ability to grow at lower temperatures. As a hay crop, it is very highly nutritious and palatable, stands well under grazing. It has made a most remarkable showing under dry, arid conditions, succeeding where many other varieties fail. Crested Wheat is a long-lived grass. Fields 20 years old are still doing well. It is relished by livestock and adapts itself to a wide range of soils. For hay and pasture, sow 10 pounds per acre.

SEED—

Critically Grown Seed of Highest Germination



The above snapshot shows a section of the ranch producing our Mountain Brome Grass Seed. Important is the row cultivation which insures weed-free seed of finest quality.

ASK FOR P.-W.'s FREE BULLETIN ON FARM AND FORAGE SEEDS—This contains authentic, dependable information on the value and adaptability of the various Farm and Range Clovers and Grasses, together with the planting and cultural directions.

e2800 Sand Drop Seed

Sand Dropseed, *Sporobolus Cryptandrus*, is especially well adapted to the states west of the Mississippi River. As the name indicates it is usually at its best on sandy or semi-sandy soils.

The soil conservation service uses Sand Dropseed more extensively than any other grass because of its ability to cover waste places in even a few weeks' time.

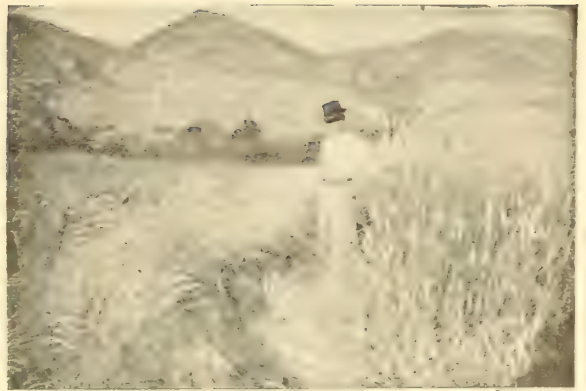
In mixture with the wheat grasses and bromes, Sand Drop will provide abundant forage while the slower growers are establishing themselves. The forage is rather heavy and is fairly palatable to all classes of livestock. Plant at any time at the rate of 2 to 5 pounds per acre.

k2810 Slender Wheat Grass

This is a native North American bunch grass, which has proved very valuable under cultivation. It is a bunch forming variety, being better adapted to range land than meadows; however, recent tests are proving its value as a grass for alkali soils. It is recommended for pastures in canyons or flats, succeeding exceptionally well at high elevations. It grows in dry, arid sections, producing numerous slender, erect stems, two to four feet high, with narrow flat leaves. Sow either Fall or Spring at the rate of 5 to 15 pounds per acre.

d2820 Western Wheat Grass (*Agropyron Smithi*)

This is a variety of great promise for the western arid regions. It is erect in growth and forms a firm solid turf even where moisture is very limited. It produces a uniform turf which makes it most suitable for fairways, roadside planting, and erosion control as well as an excellent range grass where rainfall is light. It supplies a long-felt need for a suitable sod-forming variety that will stand dry situations.



Snapshot taken at our Centerville Trial Grounds showing Meadow Fescue on the left and Reed Canary Grass on the right.

d2830 Red Top

A valuable grass for moist soils. It makes a good permanent stand and is well adapted to pastures. It has been grown very successfully even on alkali and bottom land where many other grasses have failed. It is used also as a lawn grass as it makes a fine stem and good turf. Sow 15-25 pounds per acre.

d2840 Reed Canary Grass (*Phalaris arundinacea*)

This is a valuable high-yielding forage plant which is naturally adapted to grow on low, wet lands. As a permanent source of high quality hay and good pasturage. For hay, cut as soon as the head begins to appear. Two or three crops of hay and some fall pasture may be obtained by such practice. Everyone with moist and boggy soils should give this excellent grass a trial. Sow it at the rate of 5 to 6 pounds per acre broadcast, and in drill, 2-3 pounds per acre in 16 to 18 inch rows.

Sudan Grass

See page 76

e2850 Tall Meadow Oat Grass

Is a long-lived, deep-rooted perennial bunch grass, fairly drought-resistant and produces an abundance of forage early in the Spring. (Short crop seed limited)

e2860 Timothy

Of hay grasses, Timothy leads all. Thrives on clay or heavy loams, wet or boggy soils, or in mountainous districts. At higher elevations where fewer grasses and clovers are adaptable, Timothy is the most important hay and pasture crop. Alone, sow 12 pounds to the acre, or with clover, 10 pounds Timothy and 6 pounds clover.

d2870 Western Alkali Grass

Small crop harvested. Write.

Grass Seed Prices

f.o.b. Salt Lake City	10-24 lbs.	25-99 lbs.	Bag lots
For less than 10 lbs. add	per lb.	per lb.	100 lbs.
1c per lb. to the 10 lb. rate			
e2700 Brome Grass, Mountain .....	.35	.34	\$33.00
e2710 Brome Grass, Smooth .....	.22	.21	20.00
e2780 Crested Wheat .....	.17	.16	15.00
e2730 Kentucky Blue (Meadow Grade)...	.61	.60	59.00
e2740 Meadow Fescue .....	.38	.37	36.00
e2750 Orchard Grass .....	.43	.42	41.00
e2760 Perennial Rye (Certified) .....	.27	.26	25.00
e2770 Poa Bulbosa .....	.21	.20	19.00
e2830 Red Top (98 pure) .....	.25	.24	23.00
d2840 Reed Canary .....	.69	.68	67.00
e2800 Sand Drop Seed .....	.24	.23	22.00
k2810 Slender Wheat .....	.20	.19	18.00
e2850 Tall Meadow Oat			
e2860 Timothy (98% pure) .....	.13 1/4	.12 1/4	11.50
d2820 Western Wheat Grass .....	.35	.34	\$3.00

Field Peas

e2880 Canadian Field—They enrich the soil and are splendid stock feed. For hay, they should be cut while the milk is in the vine forming the pod. Plant early in the spring at the rate of 100-120 lbs. per acre or 60 lbs. with a nurse crop of Oats or Spring Rye.

Millet

e2890 Early Fortune or Red Hog—This seed is of a shiny reddish brown. The heads are compact. It is ready to harvest in 50 to 60 days.

e2892 Golden or German—This is one of the best varieties for hay and fodder. It makes rapid, vigorous growth, often yielding 3 to 5 tons of hay per acre, on good rich soil. It grows 4 to 5 feet high, is of rather coarse appearance, and should be cut for hay before it is in full bloom. At this stage, the hay is of the best quality.

e2894 Yellow Hog—This is the most popular of the Proso type Millets, very valuable for late planting and as an emergency crop after others have failed. Hog Millet is mainly a grain crop; but has the advantage of the grain ripening while the stems are still green, which if cut at the proper time can be threshed for grain while the hay is of a good quality for feeding purposes.



1898 — Nearly A Half Century of Service — 1946

When ordering, Always state name of seed.

r4023 ALFALFA Group A

Sweet, Bur, Hubam Clovers

Package

Inoculates

Retail

1 bu. _____ each \$.50

2½ bu. _____ each 1.00

r4024 CLOVERS Group B

Medium & Mammoth Red, Alsike, Crimson & White

1 bu. _____ each \$.50

2½ bu. _____ each 1.00

r4026 PEAS, VETCHES Group C

(All Varieties)

100 lb. size (Inoculates up to 100 lbs.) _____ ea. \$.50

1200 lb. size (12-100 lb. cans) _____ ea. 5.70

r4029 SOYBEANS Group S

Small, (Inoculates up to 120 lbs. seed) _____ \$.30

5 bu. each _____ .55

25 bu. each _____ 2.50

r4030 BEANS Group D

Navy, Pinto, Wax, String, Kidney and Great Northern

1 bu. each _____ \$.35

r4031 GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans. Enough for 8 lbs. seed—Retail Price 10c each.

Rape

e2900 Dwarf Essex—Pasture for hogs, sheep, and poultry. Sow 10 lbs. per acre. There is a need for an extra thick growing green forage crop for use any time during the fall, winter, and spring, and our Dwarf Essex Rape fills that need exactly.

Soy Beans

Bansei—See page 5.

e2910 Manchu—It is outstanding for all purposes—hay, feed, hogging down, as well as for planting with corn for the silo. Excellent yields of hay or a large crop of beans. A good average crop will produce 20 to 30 bushels of beans per acre. Manchu is a robust grower of vines which stand up well and are easily cut with corn or grain binder. This variety matures in about 100 days.

Dry Land Grain Sorghums

e2920 60-Day Milo—Is a Sorghum similar to Kaffir Corn. Grows erect with thick, close-jointed stalks 4 to 9 ft. tall. The large heads give a heavy yield of grain. It is drought-resistant and does well on alkali soils.

Sweet Sorghums

e2924 Atlas Sorgo—Is one of the highest yielding forage crops grown. Produces as much as 25 tons of silage per acre, extremely drought-resistant, and is relished by livestock. It produces a long, leafy stalk, sweet and juicy, with a good grain head.

e2928 Black Amber Cane—80 to 100 days. Is the best known Sorgo and in many sections is the favorite because it is the earliest.

Sunflower

f2930 Grey Stripe—A good silage crop for dry land. They may be sown early or late as they grow rapidly. The silage is very palatable and has high feeding value. Cultivate and handle similar to corn. Plant 5 to 6 lbs. per acre.

e2934 Sudan Grass (Common)

Drill 15 to 20 lbs. or broadcast 25 lbs. per acre for pasture. It will endure much alkali. Planted in rich soil in June, it will be ready to pasture in 30 days. It will furnish grazing for two cows per acre throughout the summer. As a hay crop, it should be cut when heads appear. It takes several days of ideal weather to cure. A second crop may be cut or pastured if preferred. All kinds of livestock relish Sudan Grass—it has a sweet taste.

e2935 New Sweet Sudan Grass

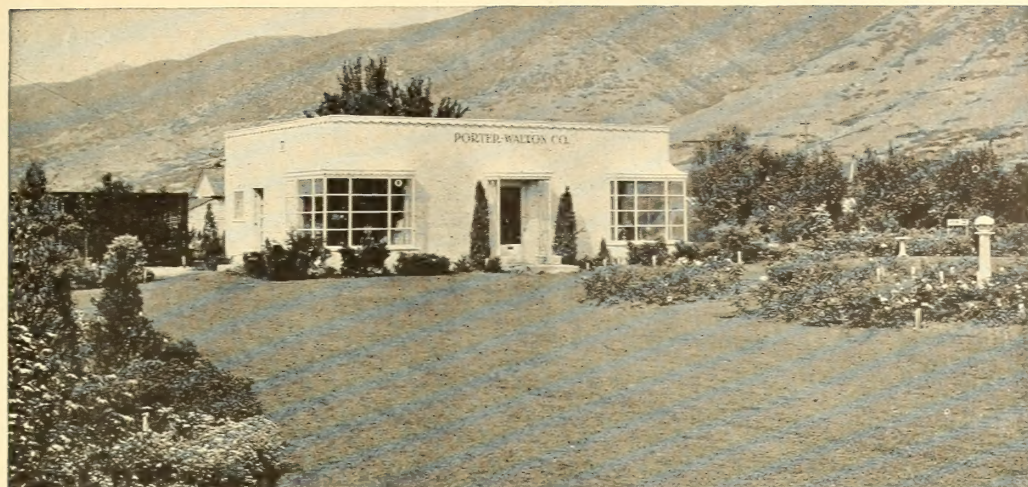
This new variety is a development resulting from several years breeding work by the Texas Agricultural Experiment Station in cooperation with the Bureau of Plant Industry, U. S. Department of Agriculture. It is sweet, juicy and more palatable to livestock. This was demonstrated consistently during the years the breeding and selection were progressing. When planted side by side with Common Sudan, the cattle kept the Sweet Sudan grazed to the ground, while the Common Sudan was grazed down to the height of about one foot. In all cases the Sweet Sudan was eaten first. Sweet Sudan is later in maturity than common Sudan thereby producing more vegetative growth and remaining green and growing longer than the common. After the crop reaches maturity the stalks and stems are still eaten readily. Sweet Sudan has more and broader leaves; heavier and taller stalks and stools much heavier than Common Sudan.

Vetch

f2940 Common—Is grown as a hay and seed crop, as well as for green manure, silage, and pasturage. It should be used far more extensively for orchardists as a cover and green manure crop. Sow 60-80 lbs. per acre.

PRICES

	10-24 lbs. per lb	25-99 lbs. per lb	Bag lots 100 lbs.
e2880 Canadian Field Peas	.11	.10	9.25
e2892 Golden Millet	.11½	.10½	9.50
e2894 Yellow Hog Millet	.08½	.07½	6.50
e2890 Early Fortune Millet	.08½	.07½	6.50
e2900 Dwarf Essex Rape	.29½	.28½	27.50
e2910 Soy Beans Manchu	.12½	.11½	10.50
e2934 Sudan Grass, Common	.14	.13	12.00
f2930 Sunflower Grey Stripe	.19½	.18½	17.50
f2940 Common Spring Vetch	.14	.13	12.00
e2920 60-Day Milo	.11½	.10½	9.50
e2924 Atlas Sorgo	.11	.10	9.00
e2928 Black Amber Cane	.11	.10	9.00
e2935 Sudan Grass, New Sweet	.27	.26	25.00



The above shows the quick development of P.-W.'s Velvet Green Mixture. The photograph was taken at our Centerville Display Gardens, just six weeks after the seed was sown.

PORTER-WALTON'S DEPENDABLE LAWN SEED

LAWN MIXTURE

P.-W.'s "Green Lawn" Mixtures

We are especially proud of these lawn mixtures. They are composed of the pure seeds of those fine-leaved and deep-rooted permanent grasses best suited for residence lawns. These famous mixtures contain White Dutch Clover in proportions as follows:

k2970 VELVET GREEN—Contains 10% clover. Not prepaid, lb., 95c; 10 lbs., \$9.00; 25 lbs., \$21.25.

k2974 EVER GREEN—Contains 5% clover. Not prepaid, lb., 75c; 10 lbs., \$7.00; 25 lbs., \$16.25.

P.-W.'s "GREEN LAWN" MIXTURES

Rootone Treated

Many of our customers have expressed great satisfaction with their lawns grown from Rootone treated seeds.

Quicker Germination - Heavier Turf Deeper, Stronger Root Growth

Rootone treated lawns give better utilization of fertilizer and water and will crowd out the weeds.

k2971 VELVET GREEN (Rootone Treated)

1 lb., \$1.05; 10 lbs., \$10.00; 25 lbs., \$23.75

k2975 EVER GREEN (Rootone Treated)

1 lb., 85c; 10 lbs., \$8.00; 25 lbs., \$18.75

k2980 Shady Nook Mixture

A proven formula which includes varieties which are shade tolerant, together with varieties that do well in full sunlight. The mixture may be used with confidence on both sun and shaded areas, to produce turf of high quality, uniform, springy, and medium green in color. Not prepaid, lb., \$1.00; 10 lbs., \$9.50; 25 lbs., \$22.50

k2984 Special Bent Mixture

With this mixture you can have a putting green on your own lawn, equal to the best golf greens and there will be no trouble from dandelions and other weeds. Not prepaid, lb., \$1.25; 10 lbs., \$11.50.

Pamphlet, "Lawns—How to Make Them," free with every purchase. Ask for it.

LAWN CLOVER

k2990 White Dutch Clover

It is the best clover to include in grass mixtures. Advantages are that it grows quickly, remains green all season, and is helpful to grasses growing with it. Gardeners who prefer heavy clover growth should include 2 oz. to each pound of grass. Not prepaid, lb., \$1.60; 10 lbs., \$15.00.

LAWN GRASSES

Kentucky Blue Grass

(*Poa pratensis*)

A deep green grass that does well on most types of soil. It continues to grow at low temperatures which keeps your lawn green in spring and autumn. Kentucky Blue is the "backbone" of fine lawn mixtures. It is aggressive and spreads rapidly, making a sod of fine texture.

k2964 FANCY, 21 lb. grade, triple cleaned, lb., 80c; 10 lbs., \$7.50; 25 lbs., \$17.50.

k2966 EXTRA FANCY, 24 lb. grade, triple cleaned, lb., 85c; 10 lbs., \$8.00; 25 lbs., \$18.75.

Astoria Bent Grass

k2950 (Blue Tag Certified Grade)

Properly cared for, Bent makes a beautiful lawn, discouraging weed growth. It is the true creeping type and forms a very dense sod, lb., \$1.50; 10 lbs., \$14.00.

k2956 Chewings Fescue

Forms a mat-like sod with a pleasing green color. The leaves are fine needle-like, and bristly. It withstands hard wear and extreme drought. Suits almost all soils, especially those of a sandy or gravelly nature. It is one of the best grasses for shady areas. Not prepaid, lb., \$1.10; 10 lbs., \$10.00.

k2960 Creeping Red Fescue

Like Chewings Fescue, it is exceptional on sandy or gravelly soils and unexcelled in shade. The turf of the finer strains of Red Fescue are probably the most beautiful of all lawn grasses. Not prepaid, lb., \$1.10; 10 lbs., \$10.00.

CULTURAL INFORMATION and use of FLOWERS - VINES - SHRUBS - TREES . . .
This is the key to the small and capital letters immediately following the family or variety names. These quick reference tables contain the additional information which you may need for intelligent selection and placement of the splendid array of planting materials offered in this catalog.

Classification and Hardiness

(Based on climatic conditions in the Salt Lake Valley and similar areas.)

- a—Plants that produce their flowers from seed the first year but do not survive the winter.
- b—Plants that rarely produce flowers from seed until the second year and then die.
- c—Plants that rarely flower from seed until the second year, but flower in season thereafter.
- d—Bulbous herbaceous or tuberous rooted plants that are winter hardy without protection.
- e—Bulbous, herbaceous or tuberous rooted plants that need winter protection.
- f—Bulbous or tuberous rooted plants that must be lifted and given frost-proof storage during winter.
- g—Vines, shrubs or trees that are hardy everywhere. (Including higher altitudes.)
- h—Vines, shrubs, or trees that are hardy in the Salt Lake Valley but need winter protection in higher altitudes and colder sections.
- i—Vines, shrubs or trees that need slight winter protection or sheltered situation in Salt Lake Valley and not recommended for colder areas.

Location (Conditions Most Favorable)

- j—Very adaptable—does well in full sun to part shade and any good average soil condition.
- k—Likes full sun.
- l—Will tolerate full shade.
- m—Does well in dry situations.
- n—Does well in wet situations.
- o—Prefers a cool, moist situation.

General Utility or useful for:

- p—Hedges.
- q—Ground cover or carpeting plants.
- r—Cut flowers.
- s—Bedding and massing.
- t—Backgrounds or screening.
- u—Dwarf border, edgings, rock gardens.

Special Utility—useful for:

- v—Refined lawn groups.
- w—Window, porch box, or urns.
- x—Banks and steep slopes.
- y—Parking or shade.
- z—House plant.

Time and Duration of Bloom

- A—Late winter and early spring.
- B—Late spring and early summer.
- C—Late summer and early fall.
- D—Fall until winter.
- E—Winter fruit or berries.
- F—Continuous bloom throughout season.

Seed Planting Information

How Deep—The proper depth is very important. As a general rule, large seeds should be covered 4 to 5 times their diameter, medium and small seeds accordingly. Very fine seeds should be merely pressed into the soil, firming the soil well over them. Soil should always be well pulverised to receive the seed and kept thoroughly moist after seed has been planted.

G—Sow seed where plants are to grow in early spring or late fall just before the ground freezes.

H—Sow seed where plants are to grow in middle or late spring; past frost danger when plants appear above ground.

I—Sow seed for succession during spring and early summer.

J—Sow seed in early spring, mid-summer, or fall in well-prepared bed and transplant seedlings where they are to grow.

K—Sow inside in flats, pots, or boxes, in late winter or early spring, transplant to garden when frost danger is over.

L—Sow in hotbed or cold frame in early spring.

M—Seed needs chilling before proper germination can be secured. Sow, therefore, in late fall in beds or open ground.

Soil Requirements and Preferences

N—Of easiest culture for the beginner and does well in the average garden soil.

O—Tolerant of alkaline soils.

P—Prefers neutral or slightly alkaline soil.

Q—Prefers acid reacting soil.

R—Does well in poor soil.

S—Thrives best in well-enriched soil.

T—Likes heavy, clay soil.

U—Likes light, well-drained soil.

Pruning Requirements

V—Prune heavily when planted.

W—Require little pruning or thinning after planting.

X—Require heavy pruning in late winter or early spring only.

Y—Annually immediately after flowering.

Z—Shear in spring before new growth starts or in late summer just before the season growth stops.

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CLEMATIS JACKMANI

CHARMING CLIMBERS and GROUND COVERS

to soften projecting lines
of land or architecture

Ampelopsis

r 9404 **ENGELMANI** (New Virginia Creeper) gjmBENVW (H-35-40')
Self clinging to most surfaces. Each 65c.

r 9406 **VEITCHI** (Boston Ivy) giN. Clings firmly to smooth surfaces.
The glossy refined foliage is a most handsome wall covering. **Dor-**
mant Roots 90c each; established in cans \$1.25. Canned stock
travels cheaper by express. If required by mail add 28c each for
packing and postage.

Bignonia (H-20') gmjFNV
r 9408 **MME. GALEN** (Giant Trumpet Vine). The most striking im-
provement in this family. Broader trumpets and a beautiful rich
shade of orange. Each \$1.25.
r 9410 **RADICANS** (Common Trumpet Creeper). Each 65c.

Celastrus (Bittersweet)

r 9412 **ORBICULATUS**—jBENV (H-25'). More vigorous habit and
better foliage than Scandens. Excellent for covering fences or arbors
but is grown chiefly for its fruit which make beautiful cut sprays
for winter decorations. 2 yr. 65c each.

Clematis

r 9414 **PANICULATA**—hjoCN (H-25'). A strong growing but grace-
ful vine. Produces an array of fragrant white flowers from August
until fall. Each 90c.

Large Flowered Clematis

A partially shaded location is ideal for the large flowered Clematis.
They thrive best in a rich loam of rather light texture. The soil should
be slightly alkaline and must be well drained. The plants should be
set with the collar of the plant at least 2 or 3 inches below the sur-
face. A mulch of peat moss to keep the roots moist in summer, and
protect them in winter is very helpful the first year.

r 9416 **JACKMANI** (H-20'). A most popular variety—velvety violet
purple.

r 9418 **MME. EDOUARD ANDRE** (H-15-20'). Similar in habit and
form of flower to Clematis Jackmani which is pictured above. Its
color is rich crimson red and makes a very distinctive and glowing
picture in the summer and early fall. Either of above, 1 year plants
from 4-inch pots, \$1.00 each.

Euonymus

r 9422 **COLORATA**—jhlqU (H-1'). An evergreen creeper of unusual
distinction. Compact form and luxuriant foliage make it the most
highly prized ground cover. 2 yr. plants 75c each; 10 for \$6.50;
25 for \$14.75; 100 for \$52.00.

r 9424 **RADICANS VEGETA** (Evergreen Bittersweet) hjlqBEN (H-15').
Unequaled as a wall covering. Each \$1.25.

Hedra (H-20') gloqU

r 9426 **HELIX GRACILIS** (Baltica Ivy). Excellent as a Climber or
a ground cover. 2 1/2 inch pots, 35c each; 10 for \$3.00; 100 for
\$25.00.

Honeysuckle (Vine) gjloqxFUV

r 9430 **GOLDFLAME** (See color illustration lower right). An ever-
blooming honeysuckle of remarkable beauty. Admired by everyone
who sees it. Each 90c.

r 9432 **HALLIANA** (Hall's Japan Honeysuckle). Semi-evergreen
ground cover or climber. Fragrant white and yellow flowers. 2 yr.
plants each 65c; 25 for \$11.75; 100 for \$41.50.

Silver Lace Vine

r 9436 **POLYGONUM AUBERTI**—gjmBCNVXY (H-40'). Rapid
grower. Each 90c.

Wisteria jhBUVW

r 9438 **SINSENSIS**. The old favorite lavender blue variety. Each 75c.



EUONYMUS COLORATA



EVERBLOOMING HONEYSUCKLE GOLDFLAME

SQUARE DEALING FOR FORTY - ONE YEARS

Select your **FLOWERS** and **VEGETABLES** from the
MOUNTAIN GROWN
SEEDS **DISPLAY**



PORTER-WALTON'S PURE-BRED STRAINS

*Sold by Progressive Merchants
Throughout the Intermountain West*

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